THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET.0.921 UDC 551 506 1 (41-4)

AUGUST 1978

VOLUME 95 NUMBER 8

Mostly cool and changeable, but drier and warmer in latter part of month.

A depression over the western English Channel on the 1st moved across central England to the North Sea between the 2nd and the 4th, and a complex system of fronts continued to affect the British Isles during the next few days. A north to north-westerly airstream followed on the 7th, but a ridge of high pressure moved eastwards across the whole of Britain on the 10th and 11th. A series of Atlantic fronts then crossed all districts until the 16th. A ridge of high pressure moved eastwards across southern and central areas on the 17th and 18th and pressure remained high to the south during the next few days, although fronts affected northern and some western districts. On the 22nd a cold front moved south across all areas. Pressure then rose as an anticyclone developed to the west of Ireland, with a persistent ridge extending across the British Isles. Weak fronts occasionally moved south, but a more active frontal system from the north-west affected most districts on the 31st.

Weather

Fog persisted around northern coasts at the beginning of the month and the weather was generally cool, with outbreaks of rain and scattered thunderstorms, until the early part of the third week. Although rain fell at times in northern and in some western parts of the United Kingdom between the 17th and the 21st, England and Wales were mainly dry. It also became warmer, particularly in eastern Britain. Many districts had some rain on the 22nd, but except for parts of the north, most areas were then dry until the 28th. Cloud amounts were rather variable, but prolonged sunny periods occurred in places. Rain spread southwards during the last few days, reaching most districts on the 31st. Large patches of snow were still apparent on the upper slopes of the higher Scottish mountains at the end of the month.

Wind

Fresh or strong winds on exposed coasts and hills in the west and north occurred most frequently between the 14th and the 21st. Speeds were mainly light or moderate during the remainder of the month. Directions were generally rather variable until the 13th, except between the 7th and the 9th, when they were north to north-west. Winds were predominantly south to south-west from the 14th to the 22nd, but north-west winds prevailed during the last week, although there were occasional sea-breezes.

Temperature

Monthly mean temperatures were generally a little above average in eastern Scotland between the Moray Firth and the Firth of Forth, and were about average in the Border counties. Temperatures were below average in all other parts of the United Kingdom, with departures from the normal mostly between 0 and 1 °C, exceeding 1 °C only at a few places in southern England and East Anglia. The highest temperatures during this generally cool month occurred mainly between the 18th and the 26th. Monthly maxima over England and Wales were mostly recorded on the 19th or on the 20th, when the temperature reached 26.5 °C at Scole in Norfolk and also at Gillingham and Herne Bay in Kent.

Rainfall

Rainfall amounts were very variable. Monthly totals were above average in parts of eastern and southern Scotland, north-eastern England, North Wales, and in a few isolated areas elsewhere in the United Kingdom. Totals exceeded 130 per cent of average in places, and Colwyn Bay (Clwyd) recorded twice its normal rainfall for the month. In spite of the changeable weather, rainfall was below average in most remaining areas and some districts were very dry. Less than 50 per cent of the normal fell in parts of South Wales and southern England, and also over the south-western peninsula, where less than 25 per cent of the average fell along the south Devon coast between Torbay and Sidmouth. Parts of northern and north-western Scotland were dry too, with only about half their normal rainfall, and in Shetland, Lerwick, with a total of 24.2 mm, had its driest August since 1955. Outbreaks of rain, showers and thunderstorms occurred in many areas until around mid-month. On the 2nd thunderstorms disrupted electricity supplies in parts of Scotland, and on the 3rd a girl was injured by lightning in Lowestoft (Suffolk). Motorists in the Scottish Highlands were trapped in their cars on the 4th, when heavy rain caused flooding between Aviemore and Cairngorm. On the 5th 25.0 mm fell in 30 minutes during a thunderstorm at Broughshane Filters (Co. Antrim), and in Snowdonia 109.9 mm fell in the 24 hours beginning at 1545 GMT on the 13th. Showers of sleet and hail were reported in the Grampians around mid-month. England and Wales were mainly dry after the 16th and most areas became dry between the 23rd and the 28th. The end of the month was less settled.

Sunshine

The only areas of any extent where sunshine totals were above average were along the south coast of England, around the Severn Estuary, in the south-western peninsula and in the Channel Islands. Totals in Jersey and Guernsey, and in the Lizard (Cornwall) and Torbay (Devon) areas, exceeded 120 per cent of the normal and sunny intervals occurred fairly frequently in the south after the first week. Totals were mostly between 75 and 100 per cent of average over central England and eastern Scotland, and also in parts of Wales and southern Scotland. The month was very dull in most remaining areas, with less than 75 per cent of the normal sunshine. This was the dullest August in Northern Ireland as a whole since 1942 and at Armagh Observatory, with a total of 73.0 hours (55 per cent of average), since 1912. Parts of north-western Scotland also recorded not much more than half their normal sunshine for the month, and Onich, at the western end of the Great Glen, with only 60.2 hours (51 per cent of average), had its dullest August since 1943.

Fog

Fog was often widespread and persistent around the coasts of northern Scotland and the Northern Isles during the first week, and it also affected the coasts of eastern Scotland, north-east and south-west England, and Wales. Coastal fog continued to occur from time to time throughout the month and hill fog was occasionally reported. Fog along coasts and on hills was frequently associated with precipitation. Overnight fog patches in inland areas mostly occurred during the middle two weeks of the month and usually dispersed around dawn. The fog chiefly affected the Midlands, East Anglia and south-east England, and it was fairly widespread and dense in places in these areas on the night of the 10th/11th.

Miscellaneous Phenomena

None reported.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sunshine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average					% of average	
0 Scotland N	22.2	3.0	-0.7	0.0	-0.3	-0.3	+1	67	65
1 Scotland E	23.0	1.9	-0.5	+0.7	+0.1	+0.4	+1	92	87
2 England E & NE	25.9	4.0	-1.0	-0.2	-0.6	0.0	+2	98	71
3 East Anglia	25.9	3.8	-0.9	-0.6	-0.8	-0.3	+1	73	89
4 Midland Counties	25.4	4.2	-1.1	-0.2	-0.7	-0.3	+2	75	81
5 England SE & Central S	26.4	3.4	-0.8	-0.6	-0.7	-0.5	-2	57	101
6 Scotland W	22.2	1.9	-0.7	+0.3	-0.2	+0.1	+1	83	69
7 England NW & Wales N	24.7	5.2	-1.3	+0.1	-0.6	-0.7	+1	103	72
8 England SW & Wales S	24.6	6.2	-0.9	-0.7	-0.8	-0.3	-5	46	103
N Ireland	21.2	5.1	-0.9	+0.5	-0.2	+0.1	-1	83	64
Scotland	23.0	1.9	-0.6	+0.3	-0.1	+0.1	+1	81	74
England & Wales	26.4	3.4	-1.0	-0.4	-0.7	-0.3	0	75	86

*Highest maximum and lowest minimum of District Value Stations.

Additional to Monthly Parts, each Annual Volume of the Weather Report includes an explanatory Introduction and a Summary for the Year.

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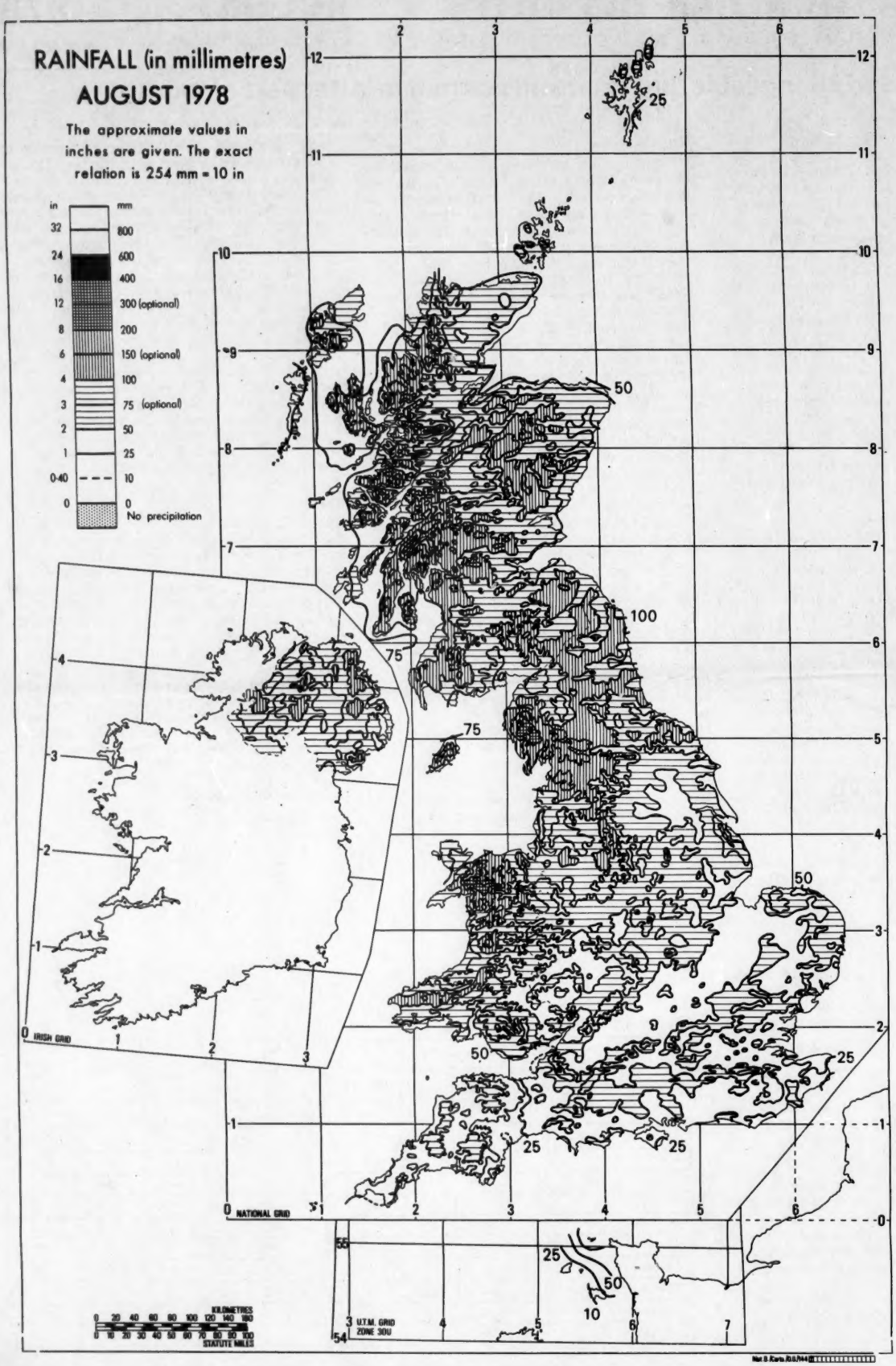
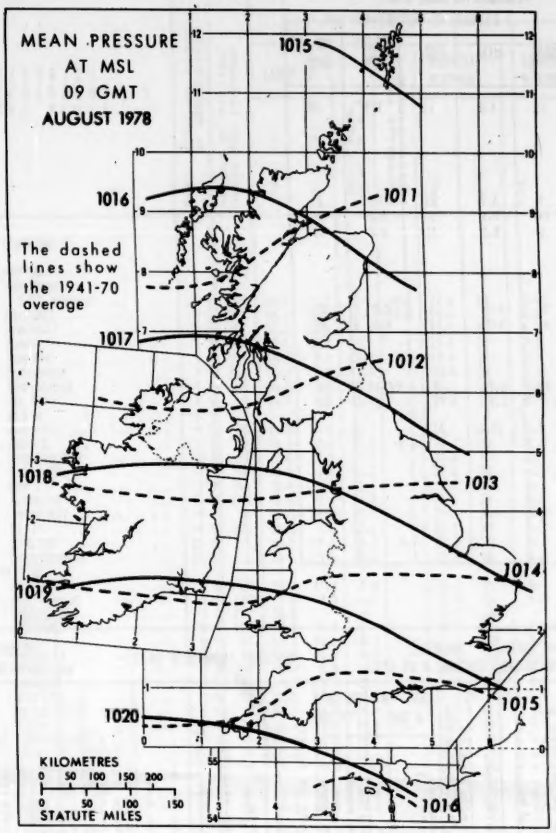
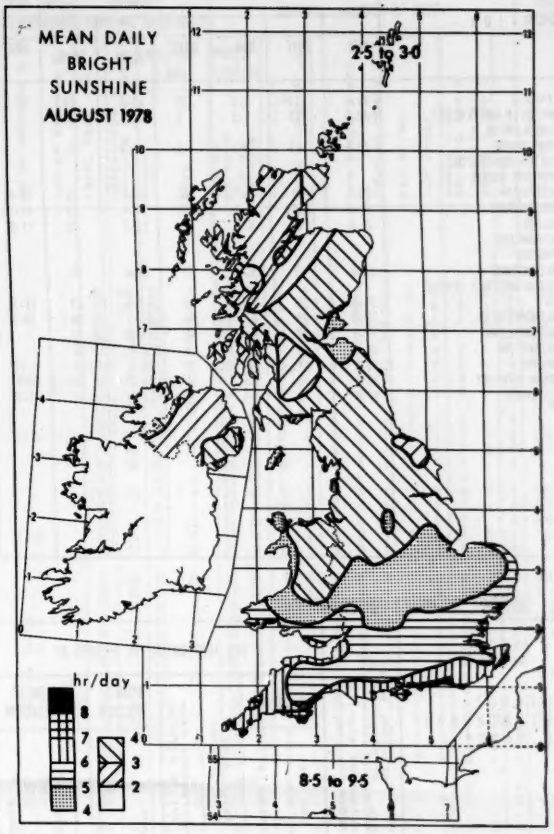
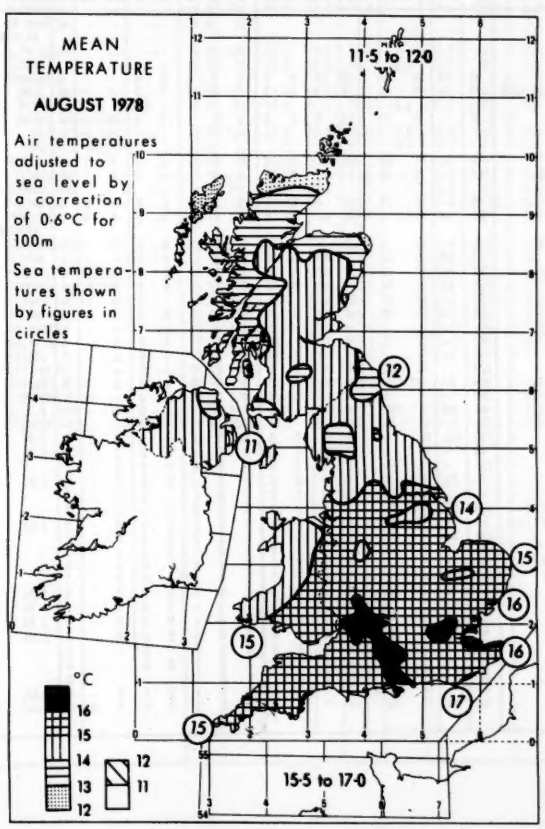

RAINFALL (in millimetres)
AUGUST 1978
The approximate values in inches are given. The exact relation is 254 mm = 10 in
in
mm
32 800
24 600
16 400
12 300 (optional)
8 200
6 150 (optional)
4 100
3 75 (optional)
2 50
1 25
0·40 10
0 0
No precipitation
25
50
100
75
75
50
50
25
25
25
25
50
10
IRISH GRID
NATIONAL GRID
U.T.M. GRID ZONE 30U
KILOMETRES
STATUTE MILES


MEAN PRESSURE AT MSL 09 GMT AUGUST 1978
The dashed lines show the 1941-70 average
1015
1016
1011
1017
1012
1018
1013
1014
1019
1015
1020
1016
KILOMETRES
0 50 100 150 200
0 50 100 150
STATUTE MILES


MEAN DAILY BRIGHT SUNSHINE AUGUST 1978
2·5 to 3·0
hr/day
8
7
6
5
4
4
3
2
8·5 to 9·5


MEAN TEMPERATURE AUGUST 1978
Air temperatures adjusted to sea level by a correction of 0·6°C for 100m
Sea temperatures shown by figures in circles
11·5 to 12·0
12
11
14
15
16
15
16
17
15
°C
16
15
14
13
12
12
11
15·5 to 17·0

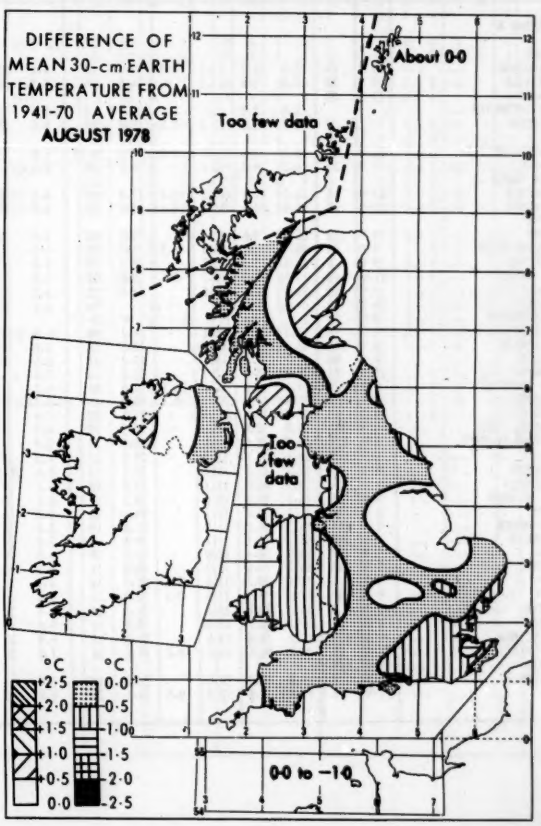

DIFFERENCE OF MEAN 30-cm EARTH TEMPERATURE FROM 1941-70 AVERAGE AUGUST 1978
About 0·0
Too few data
Too few data
°C
+2·5
+2·0
+1·5
+1·0
+0·5
0·0
°C
0·0
0·5
1·0
1·5
2·0
2·5
0·0 to −1·0

TABLE 2 SOLAR RADIATION

AUGUST 1978

STATION	DAILY GLOBAL IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)						DAILY DIFFUSE IRRADIATION ON A HORIZONTAL SURFACE (MEGAJOULES PER SQUARE METRE)					
	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS	MAX.	DATE	MIN.	DATE	DAILY MEAN	NO. OF DAYS
LERWICK	21.5	17	3.3	13	10.8	28	11.3	11	3.2	13	7.7	28
ABERDEEN, UNIVERSITY	20.0	11	4.2	8	11.5	30						
ESKDALEMUIR												
MOOR HOUSE	23.0	19	2.2	1	10.2	31						
SUTTON BONINGTON												
ORAFHAM WATER												
ABERPORTH	23.2	11	3.7	22	14.0	29	12.0	5	3.7	22	7.9	29
CARDINGTON	21.2	18.19	5.2	31	13.4	31	11.7	14	5.1	31	8.5	31
SILSOE	21.6	17	5.3	31	13.7	31	11.8	5	5.3	31	8.6	31
ROTHAMSTED												
DARSTON												
WALLINGFORD	19.6	17	5.0	31	12.4	31						
LONDON WEATHER CENTRE												
KEW	21.6	18	5.1	12	13.5	29	11.3	5	4.9	9	8.0	29
EASTHAMPSTEAD	22.0	19	6.5	31	14.5	31	10.9	4	5.3	17	8.5	31
EAST MALLING	22.9	18	4.5	12	14.0	31						
RUSTINGTON	24.2	15	6.8	9	16.6	31						
WAREHAM	23.4	17	6.8	9	16.6	31						
JERSEY AIRPORT	25.1	6	5.5	1	19.2	31	13.1	8	4.2	18	8.7	31
ALDERGROVE	22.1	26	2.4	3	11.1	31	11.8	17	2.1	3	7.8	31

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL (MONTH) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (°C)	MEANS OF MIN. (°C)	DAILY MEAN (MEAN OF MAX+MIN)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL: PERCENTAGE OF 1941-70 AVERAGE	RAINFALL: MOST IN A DAY: AMOUNT (MM)	RAINFALL: MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
D SCOTLAND N																															
SHETLAND																															
BALTASOUND	9 9	24	13.9	8.7	11.3	-0.8	17.4	20	4.8	30	11.7	-	49	69	18	14	20	10	0	0								0	2.80	73	-
FAIR ISLE	9 9	57	12.8	9.5	11.1	-	14.5	16	6.7	30	11.5	10.6	33	-	9	16	18	9	0	0	0	0	1	4	0	0	-	0	2.86	-	-
LERWICK	21-9	82																													
PSYCHROMETER			12.9	9.3	11.1	-	15.7	5	6.6	31	-	-	24	-	7	27	15	9	0	0	0	0		3	0	0	0	0	2.69	72	-
SCREEN			13.2	9.3	11.3	-0.6	15.9	20	6.6	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ORKNEY																															
KIRKWALL AIRPORT	21-9	26	14.3	9.5	11.9	-0.8	17.7	15,20	5.9	11	-	-	54	72	11	16	20	14	0	0	0	0	2	2	0	0	0	0	2.68	66	-
WEYLAND	9 9	24	14.2	9.9	12.1	-	18.6	20	6.1	11	13.0	-	45	-	9	30	21	16	0	0	0	0	1	4	0	0	-	0	-	-	-
WESTERN ISLES																															
BENBECULA	21-9	6	15.3	11.1	13.2	-0.2	17.8	11	6.1	30	-	-	45	-	12	18	18	9	0	0	0	0	0	0	0	1	0	0	3.12	63	-
STORNOWAY	21-9	15	14.6	10.3	12.5	-0.4	18.1	11	6.5	30	-	-	65	-	11	4	23	12	0	0	0	0	1	0	0	0	0	0	2.44	56	-
HIGHLAND																															
ACHANY	9 9	107	15.9	9.4	12.7	-	21.2	18	5.8	25	12.5	-	70	-	17	4	20	15	0	0	0	0	1	0	0	0	-	0	2.15	-	-
ACHNASHELLACH	9 9	67	16.8	10.1	13.5	+0.2	21.7	11	4.3	26	-	-	92	59	23	28	22	16	0	0	0	0	1	0	0	-	-	0	-	-	-
BALMACARA	9 9	4	16.3	10.8	13.5	-	20.2	11	5.8	30	-	-	83	54	18	15	20	19	0	0	0	0	0	0	0	0	-	0	-	-	-
CAPE WRATH	21-9	112	13.5	10.0	11.7	-0.6	18.8	19	7.0	31	-	-	65	67	13	30	21	15	0	0	0	0	1	8	0	0	0	0	2.77	-	-
CASSLEY	9 9	99	15.9	10.1	13.0	-	23.0	18	6.9	31	-	-	65	-	12	30	25	16	-	-	-	-	-	-	0	0	-	0	-	-	-
CORPACH	9 9	8	-	10.3	-	-	-	-	4.4	30	-	-	90	-	16	18	18	16	0	0	0	0	0	0	0	0	-	0	-	-	-
CRAIGDARROCH	9 9	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DALCROSS	9 9	11	16.5	10.6	13.5	-	21.2	18	6.9	10,12	-	-	63	-	11	15	20	13	-	0	-	-	-	-	0	0	-	0	-	-	-
DALWHINNIE	9 9	351	15.2	(8.2)	(11.7)	-	18.0	15	1.8	30	-	-	63	-	14	2	21	17	0	0	0	0	1	2	0	2	-	0	2.67	-	-
DIABAIG	9 9	60	15.7	11.0	13.3	-	22.2	11	6.5	30	-	-	128	-	55	28	24	17	0	0	0	0	2	-	0	-	-	0	-	-	-
DOUNREAY	9 9	21	15.2	10.2	12.7	-	21.2	18	7.5	11,31	-	-	54	67	10	31	19	13	0	0	0	0	0	2	0	0	-	0	3.08	-	-
FORT AUGUSTUS	9 9	21	17.4	10.6	14.0	+0.1	21.8	11	4.2	26	-	-	48	-	8	15	19	13	0	0	0	0	1	0	0	-	-	0	2.99	81	-
FORTROSE	9 9	5	15.6	11.7	13.7	-0.3	18.9	19	(8.2)	30	-	-	48	60	11	15	18	10	-	-	-	-	-	2	0	-	-	0	2.73	67	-
DEISEIL	9 9	12	(15.0)	10.4	(12.7)	-	21.4	18	7.4	26	-	-	64	-	14	30	20	18	-	-	-	-	-	-	-	-	-	-	2.46	-	-
GLENMORE LODGE	9 9	341	15.5	8.6	12.1	-	19.3	20	4.7	30	-	-	155	145	42	4	21	18	0	0	0	0	1	2	0	0	0	0	2.71	-	S
GRANTOWN-ON-SPEY	9 9	229	16.	8.9	12.5	-	20.6	20	3.7	12	-	-	86	-	13	4	22	15	0	0	0	0	1	0	0	2	-	0	2.62	-	-
HEASTE	9 9	109	15.4	9.9	12.7	-	20.1	11	4.3	30	-	-	102	-	18	4	22	18	0	0	0	0	1	0	0	0	-	0	-	-	-
INVERNESS	9 9	4	17.0	11.2	14.1	-	20.9	18	8.4	26,31	-	-	74	87	18	4	17	12	0	0	0	0	1	0	0	0	-	0	3.01	-	-
INVERPOLLY	9 9	14	15.7	10.8	13.3	-	23.0	18	6.1	30	13.5	-	76	-	21	28	22	17	0	0	0	0	1	-	0	0	-	0	-	-	-
ISLE OF RHUM	9 9	5	16.5	10.6	13.5	-	19.2	11	6.1	30	15.4	14.1	118	57	19	13	22	12	0	0	0	0	0	0	0	0	-	0	-	-	-
KEISS	9 9	30	14.7	9.6	12.1	-	19.4	20	5.3	26	13.6	12.6	51	-	7	30	19	10	0	0	0	0	1	1	0	0	-	0	3.59	-	-
KNOCKANROCK	9 9	244	14.3	9.5	11.9	-	21.8	18	5.2	30	-	-	128	80	29	28	26	23	0	0	0	0	2	4	0	0	-	0	-	-	-
LAGGANLIA	9 9	250	16.2	9.1	12.7	-	19.8	2	2.9	26	-	-	86	-	17	2	20	12	0	0	0	0	1	0	0	0	-	0	-	-	-
LAIRG	9 9	107	16.2	9.4	12.8	-	21.2	18	4.5	15	12.8	11.2	62	-	21	15	18	13	0	0	0	0	0	0	0	0	-	0	-	-	-
LENTRAN	9 9	146	16.1	9.6	12.9	-	20.0	14	5.2	30	11.9	-	103	-	34	4	19	14	0	0	0	0	1	1	0	0	-	0	-	-	-
NAIRN	9 9	6	16.1	10.2	13.1	-0.6	21.2	18	4.1	10	-	-	77	96	18	15	18	16	0	0	0	0	1	0	0	1	-	0	3.24	79	-
ONICH	9 9	15	17.3	9.9	13.6	-0.1	22.2	11	3.0	30	-	-	83	50	15	13	21	17	-	-	-	-	-	-	0	1	-	0	1.94	51	S
POOLEWE	9 9	6	15.7	10.8	13.3	-	21.1	18	4.8	30	-	-	101	-	27	28	25	18	0	0	0	0	1	0	0	0	-	0	2.35	-	S
PRABOST	9 9	67	15.7	10.2	12.9	-	19.9	11	5.6	30	-	-	98	74	23	4	23	18	0	0	0	0	0	0	0	0	-	0	2.09	-	-
STRATHCONON	9 9	107	17.2	9.6	13.4	-	21.6	18	4.9	30	-	-	70	-	27	4	19	12	0	0	0	0	0	-	0	0	-	0	-	-	-
TARBATNESS	21-9	18	15.8	10.6	13.2	-0.2	21.2	20	7.0	31	-	-	45	-	7	6	16	11	0	0	0	0	1	0	0	0	-	0	-	-	-
TOMATIN	9 9	311	-	-	-	-	-	-	-	-	-	-	82	-	19	15	21	17	0	-	0	0	1	-	0	0	-	0	-	-	-
TORRISDALE	9 9	27	15.2	10.0	12.6	-	21.2	18	7.4	31	-	-	55	-	10	15,30	23	15	0	0	0	0	1	2	0	0	-	0	2.69	-	-
WICK	21-9	36	14.8	9.8	12.3	-0.3	19.1	20	6.0	26	-	-	42	55	12	16	19	13	0	0	0	0	1	2	0	0	0	0	3.42	78	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL (HIGHT) OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	RAINFALL: PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
1 SCOTLAND E																															
GRAMPIAN																															
ABERDEEN																															
DYCE AIRPORT	21-9	58	16.6	10.2	13.4	+0.1	21.6	20	5.4	11	-	-	84	100	21	2	18	11	0	0	0	0	2	0	0	0	0	0	3.78	85	-
BALMORAL	9 9	283	16.1	8.9	12.5	+0.2	19.5	2	4.5	12	-	-	85	102	26	2	17	13	0	0	0	0	0	-	0	0	-	0	-	-	-
BANCHORY	9 9	94	17.2	10.5	13.9	-	22.5	20	6.7	30	-	-	83	-	20	15	16	10	0	0	0	0	2	0	0	0	0	0	3.04	-	-
BANFF	9 9	24	15.5	10.9	13.2	-	21.6	20	7.5	11,31	-	-	66	78	14	15	20	11	0	0	0	0	2	3	0	-	-	0	3.42	-	-
BRAEMAR	9 9	339	16.5	9.4	12.9	+0.6	19.6	20	4.9	26	-	-	93	112	(22)	2	18	13	-	0	-	-	-	0	0	2	-	-	3.75	94	-
CLASHNOIR	9 9	338	15.2	8.8	12.0	-	20.0	20	3.4	10	12.4	-	134	-	35	4	20	17	0	0	0	0	1	1	0	0	-	0	2.99	-	-
CRAIBSTONE	9 9	91	16.0	9.9	12.9	-0.2	21.1	20	5.8	11	14.0	13.0	86	100	19	2	18	12	0	0	0	0	1	1	0	0	-	0	3.96	87	-
CULTERTY	9 9	3	16.3	9.8	13.1	-	19.8	24	3.1	11	-	-	103	145	27	2	18	11	0	-	0	0	1	0	0	0	-	0	-	-	-
ELGIN	9 9	15	-	-	-	-	-	-	-	-	-	-	61	65	9	30	22	16	-	-	-	-	-	2	-	-	-	-	2.78	-	-
FOREHILL	9 9	45	14.9	9.9	12.4	-	18.2	20,24	5.8	11	-	-	81	-	25	2	15	11	0	0	0	0	1	2	0	0	-	0	-	-	-
FORRES	9 9	5	16.9	10.8	13.9	+0.2	22.2	20	5.1	10	15.5	13.5	71	-	13	15	21	15	0	0	0	0	1	1	0	0	0	0	2.62	61	-
FRASERBURGH	21+9	19	15.0	10.5	12.7	-	20.0	19	7.5	31	-	-	59	85	21	21	16	11	0	0	0	0	2	1	0	0	0	0	3.77	-	-
FYVIE CASTLE	9 9	55	16.6	9.8	13.2	-	23.0	20	5.5	11	-	-	85	96	28	2	23	15	0	-	0	0	3	-	0	0	-	0	-	-	-
GARTLY	9 9	146	16.4	9.8	13.1	-	22.2	20	5.7	10	-	-	136	-	40	4	19	17	-	-	-	-	-	-	0	0	-	-	-	-	-
GLENLIVET	21-9	215	16.4	9.4	12.9	-	21.3	20	5.1	10	-	-	109	100	19	4	19	17	0	0	0	0	1	2	0	0	0	0	3.08	-	S
INVERURIE	9 9	54	17.4	10.0	13.7	-	22.7	20	5.6	11	-	-	75	-	24	2	16	14	0	0	0	0	3	0	0	0	-	0	3.46	-	-
KEITH	9 9	106	16.3	9.8	13.1	-	22.0	20	6.1	10	-	-	75	-	10	15	21	19	0	0	0	0	2	-	0	0	-	0	3.09	-	-
KINLOSS	21-9	5	16.5	10.9	13.7	-0.2	21.7	20	4.1	10	13.8	-	65	74	13	15	20	14	0	0	0	0	1	0	0	0	0	0	2.59	-	-
LOSSIEMOUTH	21-9	6	16.1	10.5	13.3	-	21.9	18	4.8	10	-	-	51	57	9	30	22	14	0	0	0	0	1	1	0	0	0	0	-	-	-
TAYSIDE																															
ARBROATH	9 9	29	16.5	11.2	13.9	-	20.6	24	6.7	30	-	-	72	105	10	21	17	14	0	0	0	0	0	2	0	0	-	0	4.37	88	-
ARDTALNAIG	9 9	130	17.8	10.5	14.1	-	20.9	26	4.8	30	-	-	80	82	15	2	17	12	0	0	0	0	1	0	0	0	-	0	3.79	-	-
DALL	9 9	232	16.8	-	-	-	20.1	26	-	-	-	-	55	60	15	2	20	12	0	0	0	0	0	0	-	-	-	0	-	-	-
DRUMMOND CASTLE	9 9	113	17.6	9.7	13.7	-	20.5	25	3.4	30	15.4	-	95	-	13	2	20	15	0	0	0	0	1	-	0	0	-	0	4.36	-	-
DUNDEE	9 9	45	18.3	11.1	14.7	+0.4	21.4	20	5.9	30	15.9	-	89	107	15	12	18	15	0	0	0	0	0	1	0	0	-	0	4.16	94	-
FASKALLY	9 9	94	17.9	10.7	14.3	-	21.1	1,5	5.1	26	15.6	14.3	75	87	13	2	20	16	0	0	0	0	1	0	0	0	0	0	-	-	-
KINDROGAN	9 9	259	16.7	8.8	12.7	-	19.8	5	2.5	30	-	-	95	-	18	2	18	16	0	0	0	0	0	0	0	2	-	0	-	-	-
KINROSS	9 9	116	17.6	9.3	13.5	-	21.3	26	3.9	30	14.3	-	94	-	16	21	21	18	-	-	-	-	-	-	0	0	-	-	3.87	-	-
MONTROSE	9 9	57	16.5	10.7	13.6	-	21.0	20,22,24	6.5	30	-	-	57	72	12	21	17	14	0	0	0	1	3	2	0	0	-	0	-	-	-
MYLNEFIELD	9 9	30	18.3	11.0	14.7	-	22.0	26	5.3	30	15.2	13.2	96	123	15	14	18	13	0	0	0	0	1	0	0	0	-	0	3.87	-	-
PERTH	9 9	23	18.5	10.5	14.5	+0.?	22.0	26	4.8	30	-	-	98	121	17	21	18	15	-	0	-	-	-	0	0	0	-	0	2.73	63	-
STRATHALLAN	9 9	41	18.4	10.8	14.6	-	21.6	26	4.0	30	-	-	95	-	17	5	20	13	0	0	0	0	3	0	0	0	-	0	-	-	-
USAN	21-9	30	15.9	10.9	13.4	-	20.9	24	6.5	30	-	-	59	-	15	21	17	10	0	0	0	0	3	1	0	0	0	0	3.55	-	-
WHITEHILLOCKS	9 9	258	16.8	9.3	13.1	-	20.3	20	4.1	23	-	-	97	88	29	5	16	9	0	0	0	0	0	0	0	0	0	0	-	-	-
FIFE																															
BELLISTON	9 9	82	17.6	10.8	14.2	-	21.8	19	6.2	30	15.3	-	78	88	15	21	19	16	0	0	0	0	3	2	0	0	-	0	-	-	-
CUPAR	9 9	36	18.2	10.6	14.4	-	21.4	19	3.4	26	15.7	-	80	-	15	12	19	15	0	0	0	0	1	-	0	0	-	0	4.27	-	S
GLENROTHES	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEUCHARS	21-9	10	17.8	10.8	14.3	+0.2	21.5	20	5.5	26	-	-	84	112	18	12	18	14	0	0	1	0	2	1	0	0	0	0	4.13	84	-
PITREAVIE	21-9	40	17.7	10.9	14.3	-	21.4	26	6.3	30	-	-	83	108	15	21	19	13	0	0	0	0	2	0	0	0	-	0	-	-	-
ST ANDREWS	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	2	1	-	-	-	0	4.14	-	-
LOTHIAN																															
BUSH HOUSE	9 9	184	16.5	9.9	13.2	-	21.0	20	4.0	26	14.8	13.8	82	80	14	21	19	18	0	0	0	0	1	0	0	0	-	0	3.59	-	-
DUNBAR	9 9	23	16.8	11.3	14.1	0.0	23.0	19	7.4	26	-	-	95	129	13	12	18	15	0	0	0	0	1	0	0	0	-	0	4.30	82	-
EDINBURGH																															
EAST CRAIGS	9 9	61	17.4	10.0	13.7	-	21.1	19	3.8	30	15.2	-	67	-	11	2	18	14	0	0	0	0	1	1	0	1	-	0	3.91	-	-
ROYAL BOTANIC GARDEN	9 9	26	18.0	11.1	14.5	+0.1	22.1	20	5.2	30	15.9	-	75	96	14	12	19	14	0	0	0	1	1	0	0	1	-	0	4.11	87	-
ROYAL OBSERVATORY BLACKFORD HILL	9 9	134	17.5	10.5	14.0	-0.2	22.0	20	4.8	30	-	-	73	84	11	29	15	14	0	0	0	0	1	1	0	-	-	0	4.11	88	-
TURNHOUSE AIRPORT	21-9	35	17.9	10.5	14.2	+0.1	22.4	20	4.2	30	-	-	69	84	11	12	21	17	0	0	0	0	3	0	0	1	0	0	3.51	80	-
HADDINGTON	9 9	49	17.9	10.6	14.3	-	22.0	19	5.5	10,26	-	-	98	123	16	12	18	16	0	0	0	1	1	0	0	-	-	0	-	-	S
LIVINGSTON	9 9	125	17.4	9.8	13.6	-	21.6	20	3.4	26	15.5	-	72	-	12	21	20	17	0	0	0	0	3	0	0	0	-	0	-	-	-
NUNRAW ABBEY	9 9	195	16.4	10.1	13.3	-	21.5	19	6.0	30	-	-	116	-	20	12	21	16	0	0	0	0	1	1	0	0	-	0	-	-	-
PATHHEAD	9 9	131	17.0	10.1	13.5	-	21.4	19,20	5.0	10	14.1	-	95	-	18	12	19	17	0	0	0	0	2	1	0	0	-	0	-	-	-
PENICUIK	9 9	189	17.2	9.4	13.3	-0.2	21.2	20	3.0	26	14.9	-	82	78	13	21	20	15	0	0	0	0	2	1	0	0	-	0	3.41	77	S
BORDERS																															
BLYTH BRIDGE	9 9	253	15.8	9.5	12.7	-	19.9	20	3.8	11,30	-	-	80	86	15	21	21	16	0	0	0	0	1	0	0	2	-	0	2.90	-	-
BLYTHE	9 9	262	16.2	9.3	12.7	-	20.1	19	3.2	30	-	-	102	100	20	5	20	16	-	0	-	-	1	0	2	-	-	0	4.17	-	-
BONCHESTER BRIDGE	9 9	146	17.4	9.2	13.3	-	21.4	19	3.0	30	-	-	101	-	29	5	18	15	0	0	0	0	2	0	0	-	-	0	-	-	-
BOWHILL (SELKIRK)	9 9	168	17.3	9.6	13.5	-	22.1	20	3.0	30	-	-	104	108	25	5	17	14	0	0	0	0	2	1	0	-	-	0	-	-	-
FLOORS CASTLE	9 9	59	17.9	10.2	14.1	-	22.2	19	5.6	10	-	-	117	135	45	5	15	15	0	0	0	0	1	0	0	-	-	0	-	-	-
GALASHIELS	9 9	198	16.5	9.8	13.1	-	20.0	19	3.8	26	-	-	105	-	33	5	20	16	0	0	0	0	2	0	0	0	-	0	3.95	-	-
GLENTRESS	9 9	165	16.9	9.9	13.4	-	21.5	20	2.8	30	-	-	80	91	10	30	21	16	-	0	-	-	-	0	0	-	-	-	-	-	-
GREYCROOK	9 9	76	18.2	9.5	13.9	-	23.0	19	4.0	10,26,30	16.3	-	92	-	26	5	19	14	0	0	0	0	2	0	0	0	0	0	-	-	-
KELSO	9 9	34	18.1	10.6	14.3	-	24.0	19	5.6	10.30	-	-	111	-	45	5	17	14	0	0	0	0	2	0	0	0	0	0	-	-	-
LEITHOLM	9 9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST ABBS HEAD	9 9	75	(16.0)	10.8	(13.4)	-0.3	21.5	19	7.8	31	-	-	-	-	-	-	-	-	0	0	0	0	3	3	0	0	0	0	-	-	-
STANHOPE FARM	9 9	226	16.0	9.5	12.7	-	20.1	20	2.4	26	-	-	84	83	11	21	21	19	0	0	0	0	1	0	0	0	-	0	-	-	-
WEST LINTON	9 9	244	16.4	8.5	12.5	-0.3	20.5	20	2.3	26	14.2	13.5	84	85	15	21	22	17	0	0	0	0	0	2	0	0	-	0	-	-	-
WHITCHESTER	9 9	255	16.1	9.3	12.7	-	20.8	19	4.3	26	-	-	111	95	25	5	19	15	0	0	0	0	4	-	0	-	-	0	-	-	-

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AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL (HIGHT) OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
6 SCOTLAND W																															
STRATHCLYDE																															
ACHAGLACHGARCH	9 9	12	16.6	10.4	13.5	-	20.3	1	5.0	30	-	-	137	99	(20)	20	24	16	0	0	0	0	0	2	0	1	-	0	-	-	-
AROS	9 9	37	16.8	10.4	13.6	-	20.7	1	4.0	30	-	-	97	-	17	4	21	18	0	0	0	0	0	7	0	1	-	0	-	-	-
AUCHINCRUIVE	9 9	45	16.5	11.1	13.8	-0.4	20.4	2	5.7	26	14.5	13.4	94	102	15	6	18	14	0	0	0	0	0	2	0	0	-	0	3.14	66	-
BENMORE(YOUNGER BOTANIC GARDEN)	9 9	12	16.9	11.0	13.9	-	20.1	1	5.3	30	16.1	-	161	86	22	18	23	19	0	0	0	0	0	0	0	-	-	0	-	-	-
BRODICK CASTLE	9 9	15	17.6	11.0	14.3	-	20.0	1,26	6.5	26	16.3	-	89	57	14	18	19	16	0	0	0	0	0	0	0	0	-	0	-	-	-
CAMPS RESERVOIR	9 9	295	15.1	9.1	12.1	-	18.9	20	3.7	10	-	-	77	72	12	21	22	18	0	0	0	0	1	3	0	-	-	0	2.54	-	-
CARNWATH	9 9	208	16.2	9.0	12.6	-	20.8	20	1.1	26	13.6	-	91	106	13	15	22	15	0	0	0	0	0	0	0	1	0	0	-	-	-
CORTBRIDGE	9 9	66	16.9	10.7	13.8	-	21.0	26	6.0	26	-	-	95	110	13	21	20	18	-	-	-	-	-	-	0	-	-	0	-	-	-
COLONSAY	9 9	35	15.8	11.2	13.5	-	19.4	1	8.2	30	-	-	71	-	16	11	22	13	0	0	0	0	0	0	0	-	-	0	-	-	-
CRAIGHOUSE	9 9	4	16.1	10.5	13.3	-	19.3	1	6.0)	11	-	-	96	-	18	20	20	13	0	0	0	0	1	0	0	-	-	0	-	-	-
CRAWFORDJOHN	9 9	274	15.5	9.2	12.3	-	20.0	20	1.8	26	13.8	-	-	-	-	-	-	-	0	0	0	0	1	0	0	1	0	0	2.25	-	-
CUMNOCK	9 9	99	16.6	9.9	13.3	-	21.0	2	4.0	26	15.3	-	67	-	13	21	22	13	0	0	0	0	0	0	0	0	-	0	2.71	-	-
DUNSTAFFNAGE	9 9	5	16.5	11.1	13.8	-	19.6	11	6.3	11,26	-	-	89	-	12	13	21	17	0	0	0	0	0	0	0	0	-	0	-	-	-
EAST KILBRIDE	9 9	178	16.3	10.5	13.4	-	19.8	26	6.2	26	-	-	91	-	18	21	24	17	0	0	0	0	0	0	0	0	-	0	2.82	-	-
DIRVAN	9 9	8	17.0	11.8	14.4	-	20.1	11	8.5	26	-	-	77	103	11	21	21	16	0	0	0	0	0	0	0	0	-	0	3.51	-	-
GLASGOW																															
ABBOTSINCH AIRPORT	21-9	5	17.5	10.8	14.1	-0.4	21.1	11	4.9	26	-	-	102	-	19	14	21	13	0	0	0	0	1	0	0	1	0	0	2.79	61	-
SPRINGBURN PARK	9 9	107	16.7	11.0	13.9	-0.4	20.5	26	7.4	30	-	-	114	110	18	14	21	15	0	0	0	0	1	0	0	0	-	0	2.75	65	-
WEATHER CENTRE (X)	21-9	40	17.4	12.2	14.8	-	20.7	11	9.1	31	-	-	92	-	15	14	19	15	0	-	0	0	0	0	0	-	-	0	2.64	-	-
GREENOCK	9 9	61	-	-	-	-	-	-	-	-	-	-	103	86	18	14	16	13	-	-	-	-	-	-	-	-	-	-	3.05	66	-
HELENSBURGH	9 9	96	16.3	10.4	13.3	-0.8	19.2	26	6.3	26	-	-	130	110	31	14	20	16	-	0	-	-	-	0	0	-	-	-	3.05	-	-
HUNTERSTON	9 9	8	16.3	11.9	14.1	-	18.6	11,26	8.5	27	-	-	114	-	15	21	17	15	0	0	0	0	1	0	0	-	-	0	-	-	-
KILDONAN	9 9	18	16.3	10.9	13.6	-	19.0	26	8.2	26	-	-	91	-	14	14	22	15	0	-	0	0	1	1	0	0	0	0	3.62	-	-
KNAPDALE FOREST	9 9	12	16.4	10.2	13.3	-	20.1	2	5.0	11	-	-	102	-	19	18	18	16	0	0	0	0	0	0	0	0	-	0	-	-	-
LEADHILLS	9 9	388	14.7	8.6	11.7	-	18.4	20	2.2	30	-	-	99	73	19	21	22	17	0	0	0	0	1	3	0	3	-	0	-	-	-
MACHRIHANISH	21-9	10	15.6	11.3	13.5	-	18.6	2	7.7	26	-	-	85	90	22	14	15	11	0	0	0	0	0	0	0	0	0	0	3.45	-	-
MILLPORT	9 9	5	16.4	11.5	13.9	-	19.4	26	8.5	26	-	-	113	111	17	20	19	16	0	0	0	0	0	0	0	-	-	0	-	-	-
PAISLEY	9 9	32	17.6	11.7	14.7	-0.2	20.8	26	8.0	11	15.2	14.0	106	110	24	14	20	15	0	0	0	0	1	0	0	0	-	0	2.83	63	-
PRESTWICK	21-9	16	16.9	11.0	13.9	-	20.9	11	5.0	26	-	-	109	117	20	6	19	13	0	0	0	0	2	0	0	0	0	0	3.14	-	-
RHUVAAL	21-9	20	14.9	11.1	13.0	-	17.3	20	9.5	5	-	-	78	74	14	21	22	12	0	0	0	0	0	1	0	0	0	0	-	-	-
ROTHESAY	9 9	43	17.0	11.1	14.1	-	19.5	1,8	6.5	30	14.3	12.8	117	99	25	20	22	17	-	0	-	-	-	0	0	0	-	0	-	-	-
SLOY	21-9	12	17.2	11.0	14.1	-	20.8	1	5.1	30	-	-	140	-	19	19	21	17	0	-	0	0	0	0	0	-	-	0	-	-	-
STRONACHULLIN	9 9	2	-	10.9	-	-	-	-	3.2	26	-	-	126	-	27	18	21	16	0	0	0	0	0	0	0	0	0	0	-	-	-
TIREE	21-9	9	15.4	11.3	13.3	-0.3	17.3	12	9.4	26,30	-	-	61	69	9	21	16	9	0	0	0	0	1	0	0	0	0	0	3.43	65	-
UPLAWMOOR	9 9	128	16.4	9.8	13.1	-	19.2	26	4.6	26	-	-	153	-	24	14	22	16	0	0	0	0	1	0	0	0	0	0	-	-	-
CENTRAL																															
ARROCHYMORE	9 9	30	17.1	10.5	13.8	-	19.9	11	5.0	30	-	-	126	-	27	14	18	16	-	0	-	-	-	0	0	0	-	-	2.93	-	-
CALLANDER	9 9	107	17.7	9.3	13.5	-	22.2	26	2.5	30	-	-	123	93	18	21	17	17	0	0	0	0	0	0	0	0	-	0	-	-	-
EARLS HILL	21-9	335	15.3	9.1	12.2	-	18.6	26	3.4	30	-	-	117	-	20	21	18	14	0	-	0	0	0	3	0	0	0	0	3.84	-	-
FALKIRK	9 9	3	17.9	11.1	14.5	-	21.6	26	5.3	30	-	-	71	-	13	21	19	13	0	0	0	0	1	0	0	-	-	0	3.61	-	-
GRANGEMOUTH	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKHEAD	9 9	107	17.9	10.3	14.1	-	21.5	26	4.2	30	15.9	-	101	-	19	14	16	15	-	0	-	-	-	0	0	-	-	-	-	-	-
STIRLING(BATTERFLATS)	9 9	38	18.5	10.4	14.5	-	22.7	26	2.9	30	15.8	14.4	89	-	14	2.21	18	14	0	0	0	0	0	0	0	1	-	0	3.74	-	-
DUMFRIES & GALLOWAY																															
BARGRENNAN	9 9	110	16.8	9.7	13.3	-	22.6	2	3.1	11	-	-	147	122	29	2	20	18	0	0	0	0	2	4	0	1	-	0	-	-	-
CLATTERINGSHAWS	9 9	178	16.1	9.6	12.9	-	20.4	2	3.5	11	-	-	105	65	16	21	21	16	0	0	0	0	2	0	0	-	-	0	3.03	-	-
DUMFRIES	9 9	49	17.3	11.3	14.3	0.0	20.7	2	7.2	10	15.5	14.2	82	83	16	5	17	11	0	0	0	0	0	0	0	0	-	0	3.66	77	-
DUNDEUGH	9 9	119	17.1	9.8	13.5	-	22.5	26	3.4	11	14.0	-	86	74	15	19	19	15	0	0	0	0	0	0	0	-	-	0	-	-	-
ESKDALEMUIR	21-9	242																													
PSYCHROMETER			16.0	8.9	12.5	-	19.8	20	1.5	11	13.9	12.6	97	73	21	14	18	14	0	0	0	1	2	0	0	3	0	0	3.51	85	-
SCREEN			16.5	9.2	12.9	0.0	20.6	20	1.9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-
GIRDSTONGWOOD	9 9	98	-	-	-	-	-	-	-	-	-	-	73	-	(20)	13	-	-	-	-	-	-	-	-	-	-	-	-	4.21	-	-
GLENLEE	9 9	55	17.7	10.3	14.0	-0.1	23.0	2	4.8	11,26	-	-	71	57	11	19	16	13	-	0	-	-	-	0	0	3	-	-	-	-	-
GLENLOCHAR BARRAGE	9 9	47	17.7	11.0	14.3	-	21.4	2	6.6	13	-	-	81	73	24	5	18	14	0	0	0	0	!	0	0	-	-	0	-	-	-
NEWTON STEWART	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PALNURE	9 9	18	17.1	10.7	13.9	-	22.6	2	5.5	26	-	-	131	114	27	2	21	15	0	0	0	0	1	3	0	0	-	0	-	-	-
THREAVE	9 9	73	17.4	11.2	14.3	-	21.1	2	6.2	13	15.6	-	69	61	15	14	16	13	0	0	0	0	3	0	0	0	-	0	-	-	-
2 ENGLAND E & NE																															
NORTHUMBERLAND																															
BOULMER	21-9	23	16.5	10.8	13.7	-	21.6	20	8.0	30,31	14.7	13.6	97	-	25	6	16	13	0	0	0	0	2	3	0	0	0	0	3.82	-	-
COCKLE PARK	9 9	99	17.6	10.2	13.9	-	24.3	19	6.5	30	14.0	-	97	-	18	12	17	14	0	0	0	0	2	0	0	0	-	0	3.55	-	-
HAYDON BRIDGE	9 9	79	17.8	10.1	13.9	-	23.8	19	4.6	26	15.6	15.0	76	91	13	12	18	13	0	0	0	0	0	1	0	-	-	0	-	-	-
KIELDER CASTLE	9 9	201	17.0	8.6	12.8	-0.1	21.8	19,20	2.2	30	15.0	-	97	63	19	14	17	15	0	0	0	0	2	0	0	-	-	1	-	-	-
LETHAMHILL FARM	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REDESDALE	9 9	238	16.3	8.7	12.5	-	22.0	19	3.0	30	12.5	-	99	-	16	12	17	14	-	0	-	-	-	1	0	0	0	0	3.97	-	-
SEAHOUSES	21-9	11	16.2	11.2	13.7	-	21.0	20	8.3	31	-	-	75	93	13	6	15	11	0	0	0	0	1	1	0	0	0	0	3.60	-	-
STONEHAUGH	9 9	201	17.3	8.9	13.1	-	22.3	19	2.2	26	-	-	123	-	26	5	16	13	0	0	0	0	3	1	0	3	0	0	-	-	-
TYNE & WEAR																															
CHOPWELLWOOD	9 9	146	17.0	10.1	13.5	-1.0	23.5	19	5.0	30	-	-	101	123	19	5	17	14	0	0	0	0	0	1	0	0	0	0	-	-	-
NEWCASTLE WEATHER CENTRE (X)	21-9	74	17.3	11.5	14.4	-	25.0	19	7.5	30	-	-	98	-	25	5	18	14	0	0	0	0	2	0	0	-	0	0	3.50	-	-
TYNEMOUTH	21-9	30	16.4	11.8	14.1	-0.5	23.2	19	8.0	30	-	-	101	128	16	2	17	14	0	0	0	0	2	0	0	0	-	1	3.49	75	-
WASHINGTON	9 9	29	17.2	11.1	14.1	-	23.9	19	7.7	30,31	14.9	14.0	84	-	16	5	17	13	0	0	0	0	1	0	0	-	-	0	3.11	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS — AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL (HGHT) OF OBSERVATION MAX.	TERMINAL (HGHT) OF OBSERVATION MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
2 ENGLAND E & NE -CONTINUED																																
DURHAM																																
DURHAM	9	9	102	17.7	10.6	14.1	-0.5	24.2	19	6.9	30	15.3	14.0	93	125	35	5	16	15	-	0	-	-	-	0	0	0	-	3.39	73	S
LOW ETHERLEY	9	9	155	16.9	9.0	12.9	-	23.3	19	4.5	30	13.8	11.9	76	-	21	5	16	13	0	0	0	0	1	0	0	0	0	-	-	-
WIDDYBANK FELL	9	9	513	14.1	8.4	11.3	-	19.9	19	2.7	30	11.3	-	95	-	24	5	19	15	-	0	-	-	-	2	0	1	-	3.44	-	-
CLEVELAND																																
HARTBURN GRANGE	9	9	31	17.8	10.2	14.0	-	24.2	19	6.0	23	-	-	65	100	11	7	17	14	0	0	0	0	3	0	0	0	-	2.83	-	-
HARTLEPOOL	9	9	9	17.4	11.6	14.5	-0.7	25.2	19	7.5	30	-	-	94	139	36	5	12	12	0	0	0	0	5	0	0	-	0	3.13	-	-
NORTH YORKSHIRE																																
ASKHAM BRYAN	9	9	33	18.5	10.3	14.4	-	24.4	19	5.5	31	-	-	49	67	7	13	18	12	0	0	0	0	2	0	0	0	0	3.38	72	-
CAWOOD	9	9	6	18.2	10.8	14.5	-	25.0	19	6.0	31	15.9	15.2	51	72	7	5	19	14	0	0	0	0	1	0	0	0	0	3.55	-	-
HIGH MONTHORPE	9	9	175	17.0	10.2	13.6	-	23.5	19	5.9	30	15.0	-	56	69	9	7	20	18	0	0	0	0	2	2	0	0	0	2.59	-	-
LEEMING	21	9	32	18.1	11.1	14.6	-	24.7	19	7.5	31	15.3	14.4	72	110	17	5	17	13	0	0	0	0	2	0	0	0	0	3.35	-	-
MALHAM TARN	9	9	395	15.0	9.1	12.1	-0.6	20.5	19	5.4	1.17.30	13.3	-	117	76	18	15	19	17	0	0	0	0	0	1	0	-	-	-	-	-
PICKERING	9	9	44	18.0	10.0	14.0	-	24.2	19	4.8	23	-	-	55	76	7	5	18	14	0	0	0	0	2	0	0	0	-	-	-	-
SCARBOROUGH	9	9	52	17.1	11.5	14.3	-	22.7	19	9.0	17.31	15.5	14.6	63	95	11	5	18	13	0	0	0	0	2	1	0	0	0	3.16	63	-
SILPHO MOOR	9	9	203	16.5	9.9	13.2	-	22.7	19	6.3	11	13.3	-	81	90	13	12	18	13	0	0	0	0	2	3	0	0	0	2.85	-	-
SNAITHOLME	9	9	290	15.4	9.0	12.2	-	21.2	19	2.9	10	13.1	-	126	-	19	5	21	15	0	0	0	0	0	0	2	-	0	3.07	-	S
WHITBY	9	9	41	17.0	11.4	14.2	-	24.3	19	8.2	18	-	-	89	-	16	7	17	14	0	0	0	0	2	1	0	0	0	2.79	-	-
WHITBY(COASTGUARD)	21	9	60	16.1	11.3	13.7	-	23.1	19	8.1	18	-	-	86	-	18	7	17	13	0	0	0	0	2	0	0	0	0	-	-	-
YORK(HESLINGTON)	9	9	19	19.2	11.2	15.2	-	24.7	19	7.5	11	15.6	14.9	53	75	7	9	18	15	0	0	0	0	0	0	0	0	0	3.53	-	-
HUMBERSIDE																																
BRIDLINGTON	9	9	48	16.8	10.3	13.5	-	20.8	21	6.4	30	-	-	75	95	13	5	17	15	0	0	0	0	4	2	0	0	1	3.35	-	-
CLEETHORPES	9	9	7	18.6	12.0	15.3	-0.6	24.0	19	8.5	11	-	-	59	95	15	22	16	13	-	0	-	-	-	0	0	0	-	3.25	60	-
HULL	9	9	2	19.1	12.0	15.5	-0.6	24.9	19	7.9	30	16.5	15.3	66	92	21	9	19	17	0	0	0	0	0	0	0	0	0	3.93	77	-
LINCOLNSHIRE																																
BINBROOK	21	9	108	17.8	10.7	14.3	-	24.2	19	6.8	31	-	-	62	83	10	22	18	12	0	0	0	0	2	1	0	0	0	3.86	-	-
CAISTOR	9	9	21	18.9	10.4	14.7	-	25.1	19	5.2	17	-	-	50	-	15	22	19	11	-	-	-	-	-	-	0	-	-	-	-	-
CRANWELL	9	9	62	18.7	10.9	14.8	-0.9	24.3	19	5.9	19	17.0	16.9	60	94	26	2	15	12	0	0	0	0	3	0	0	0	0	4.30	80	-
KIRTON	9	9	4	19.5	10.5	15.0	-	25.7	19	6.6	11	16.2	14.6	38	-	10	2	12	10	0	0	0	0	0	0	0	0	0	3.87	-	-
LINCOLN	9	9	6	18.8	10.5	14.7	-1.0	25.3	19	4.0	31	16.4	15.3	54	-	10	9	16	12	0	0	0	0	2	0	0	0	0	3.91	-	-
SKEGNESS	9	9	5	18.4	11.8	15.1	-0.6	24.0	19.21	8.2	17.27	-	-	52	79	12	2	12	11	0	0	0	0	0	-	0	0	0	(4.35)	-	-
SUTTON BRIDGE	9	9	4	19.4	10.8	15.1	-	24.8	19	7.2	11.27	-	-	39	61	7	2	10	8	0	-	0	-	0	-	0	0	0	-	-	-
WADDINGTON	21	9	68	18.8	11.2	15.0	-0.7	25.2	19	7.5	19	-	-	67	101	19	2	17	12	0	0	0	0	4	0	0	0	0	4.33	80	-
3 EAST ANGLIA																																
NORFOLK																																
COLTISHALL	21	9	17	19.2	11.2	15.2	-	24.6	20	7.5	18	-	-	40	63	14	31	17	8	0	0	0	0	2	0	0	0	0	-	-	-
CROMER	9	9	54	18.6	12.0	15.3	-0.6	24.2	19	9.6	27	-	-	56	88	11	8	17	10	0	0	0	0	1	0	0	0	0	5.55	99	-
GORLESTON	9	9	2	18.7	12.4	15.5	-0.7	24.0	22	8.2	31	16.6	15.4	52	84	8	15	17	14	0	0	0	0	4	0	0	-	-	-	-	-
MARHAM	21	9	23	19.4	11.2	15.3	-	24.2	19	6.4	27	-	-	41	-	7	8	14	12	0	0	0	0	3	0	0	0	0	4.87	-	-
MORLEY ST BOTOLPH	9	9	46	19.3	10.3	14.8	-	25.6	20	5.9	11	16.5	-	49	-	9	8	15	12	0	0	0	0	1	0	0	0	0	4.67	-	-
SANTON DOWNHAM	9	9	24	19.6	9.6	14.3	-	25.3	20	1.6	27	15.9	15.0	46	67	7	6	14	12	-	0	-	-	-	0	4	-	-	4.58	-	-
SCOLE	9	9	27	19.9	10.7	15.3	-	26.5	20	5.0	27	16.6	16.4	41	-	8	12	14	12	0	0	0	0	3	0	0	0	0	4.79	-	-
TERRINGTON ST CLEMENT	9	9	3	20.0	10.5	15.3	-0.6	25.9	19	6.2	27	16.4	-	44	71	9	22	15	9	0	0	0	0	0	0	0	0	0	-	-	-
CAMBRIDGESHIRE																																
BOXWORTH	9	9	53	19.7	10.8	15.3	-	25.7	19	6.7	31	-	-	42	67	10	12	13	11	0	0	0	0	1	0	0	0	0	4.61	-	-
CAMBRIDGE BOTANIC GARDEN	9	9	12	20.1	10.6	15.3	-1.1	25.7	18	3.8	28	16.6	15.6	31	50	6	2	12	10	0	0	0	0	0	-	0	0	0	-	-	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9	9	24	20.2	11.1	15.7	-	24.6	19	7.0	27.28	-	-	33	53	5	2.3	12	10	0	0	0	0	0	0	0	0	0	4.42	78	-
MARCH	9	9	2	20.0	10.8	15.4	-	25.4	19	7.3	27.31	-	-	54	92	11	6	13	11	-	0	-	-	-	0	-	-	-	-	-	-
MARHOLM	9	9	21	19.5	10.6	15.1	-	26.4	20	6.3	31	-	-	45	-	8	6	13	10	-	0	-	-	-	0	0	0	-	-	-	-
MEPAL	9	9	-2	19.7	9.9	14.8	-	25.7	19	4.3	27	16.2	13.9	44	-	10	2	12	11	0	0	0	0	1	0	0	0	0	4.21	-	-
MONKS WOOD	9	9	39	19.7	10.4	15.1	-	24.6	21	5.5	27	16.4	15.0	41	65	9	2	13	9	0	0	0	0	2	0	0	0	0	4.18	-	-
WITTERING	21	9	73	18.9	11.0	14.9	-	25.1	19	6.2	31	-	-	68	-	25	2	12	9	0	0	0	0	3	0	0	0	0	4.37	-	-
WYTON	21	9	40	19.6	11.5	15.5	-	25.4	19	7.2	31	-	-	35	58	7	2	13	10	0	0	0	0	1	0	0	0	0	-	-	-
SUFFOLK																																
ALDEBURGH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROOMS BARN	9	9	75	19.7	11.0	15.3	-	24.9	20	7.3	31	16.2	15.7	55	85	15	2	13	12	0	0	0	0	4	0	0	0	0	4.93	-	-
CAVENDISH	9	9	55	19.9	10.1	15.0	-	25.7	20	4.2	27	15.7	-	32	-	9	2	12	9	0	0	0	0	3	0	0	0	0	-	-	-
EAST BERGHOLT	9	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	-	-	0	-	0	-	-	-
HAUGHLEY	9	9	58	19.5	(10.2)	(14.9)	-	25.7	20	5.5	27	16.1	-	51	-	9	9	14	11	0	0	0	0	1	0	0	0	0	-	-	-
HONINGTON	21	9	49	19.5	10.8	15.1	-	25.8	20	5.7	27	-	-	53	85	13	8	14	10	0	0	0	1	0	0	0	0	0	4.82	-	-
LEVINGTON	9	9	22	19.9	10.7	15.3	-	24.9	22	6.3	27	-	-	31	-	9	3	11	8	0	0	0	0	2	0	0	0	0	5.16	-	-
LOWESTOFT	9	9	25	18.9	11.7	15.3	-0.8	24.8	22	6.5	28	16.7	16.1	50	78	12	3	15	11	0	0	0	0	3	0	0	0	0	5.07	86	-
WATTISHAM	21	9	89	19.3	10.9	15.1	-	24.9	20	6.0	27	-	-	38	63	9	2	15	10	0	0	0	0	2	0	0	0	0	5.26	-	-
BEDFORDSHIRE																																
CARDINGTON	21	9	29	20.1	10.1	15.1	-	25.1	19	4.0	31	16.3	15.5	29	51	6	2	12	10	0	0	0	0	5	0	0	0	0	4.92	-	-
LUTON	9	9	158	18.8	11.2	15.0	-	24.3	19	6.6	31	16.6	15.6	39	62	8	7	11	10	0	0	0	0	0	0	0	0	0	5.19	-	-
SILSOE	9	9	59	19.8	10.2	15.0	-0.9	24.9	19	4.4	31	16.1	15.2	41	74	13	7	13	9	0	0	0	1	6	0	0	0	-	4.92	87	-
WOBURN	9	9	89	19.8	10.1	14.9	-0.8	24.2	19	2.0	31	16.5	14.6	44	69	10	2	12	9	0	0	0	0	1	0	0	1	0	4.60	85	-
HERTFORDSHIRE																																
ALDENHAM SCHOOL	9	9	91	20.5	10.4	15.5	-	25.5	20	4.0	31	16.9	-	58	85	14	2	13	9	0	0	0	0	5	0	0	0	0	-	-	-
GARSTON	9	9	78	19.6	10.9	15.3	-	24.0	19	5.2	31	-	-	46	69	15	2	13	8	0	0	0	0	3	0	0	0	0	5.15	-	-
HODDESDON	9	9	43	20.2	11.3	15.7	-	24.8	20	6.5	27	17.6	-	44	69	13	2	13	8	0	0	0	0	3	-	0	0	0	5.07	-	-
ROTHAMSTED	9	9	128	19.7	10.3	15.0	-0.7	24.4	20	5.0	31	15.7	14.2	35	52	6	7	13	10	0	0	0	0	4	0	0	1	0	5.36	99	-
ST ALBANS	9	9	83	19.6	10.8	15.2	-0.7	24.0	19	5.7	27.28	16.3	-	48	78	26	2	11	7	0	0	0	0	2	0	0	1	0	5.39	-	-
STANSTEAD ABBOTTS	9	9	30	20.2	10.6	15.4	-	26.0	4	5.7	19.27	17.4	16.5	43	71	9	2	13	10	-	0	-	-	-	-	-	-	-	-	-	-
ESSEX																																
CLACTON-ON-SEA	9	9	16	19.9	12.6	16.3	-0.6	25.6	22	8.4	31	16.7	15.5	38	66	16	3	12	6	0	0	0	0	0	0	0	0	0	5.77	92	-
HALSTEAD	9	9	70	20.1	10.9	15.5	-	25.5	20	6.6	27	16.6	15.8	53	-	15	3	12	9	0	0	0	0	0	0	0	0	0	-	-	-
LITTLE PARNDON	9	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHOEBURYNESS	21	9	2	20.1	12.3	16.2	-0.9	24.8	22	7.9	27	-	-	41	68	7	1	14	9	0	0	0	0	3	0	0	0	0	5.97	97	-
STANFORD-LE-HOPE	9	9	6	20.1	11.2	15.7	-	25.5	20	6.5	31	-	-	31	-	5	1	10	9	0	-	0	0	0	0	0	0	0	5.85	-	-
STANSTED	21	9	101	19.4	10.9	15.1	-	24.8	20	5.6	31	-	-	46	73	15	2	13	10	0	0	0	1	0	0	0	0	0	-	-	-
WRITTLE	9	9	35	20.0	10.2	15.1	-1.1	25.0	20	5.0	27.31	16.5	-	47	92	14	3	11	9	0	0	-	-	-	-	-	-	-	5.62	99	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS — AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HIGHT) OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	DATE	LOWEST MINIMUM: MIN.	DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIP-ITATION 0.2 MM OR MORE	PRECIP-ITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD	9	9	134	17.6	11.3	14.5	-0.4	23.8	19	6.4	31	14.6	13.8	68	76	12	7	18	14	0	0	0	0	2	0	0	1	-	0	3.48	74	S
BRAMHAM	9	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HUDDERSFIELD(OAKES)	21-9		232	18.0	10.4	14.2	-0.5	25.5	19	5.8	31	13.8	11.8	78	80	12	15	19	16	0	0	0	1	3	2	0	0	0	0	-	-	-
ILKLEY	9	9	83	18.4	10.8	14.6	-0.5	24.4	19	6.5	23	-	-	91	93	19	7	18	15	0	0	0	0	1	0	0	0	-	0	3.36	72	-
PONTEFRACT	9	9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TODMORDEN	9	9	160	17.1	10.9	14.0	-	23.5	19	6.4	17	-	-	87	-	16	8	20	15	0	0	0	0	1	0	0	-	-	1	-	-	-
WILSDEN	9	9	262	16.7	10.4	13.5	-	23.7	19	5.7	31	-	-	78	-	14	8	20	15	0	0	0	1	2	1	0	0	0	0	-	-	-
SOUTH YORKSHIRE																																
FINNINGLEY	21-9		10	18.9	11.1	15.0	-	24.9	19	5.8	11	-	-	50	75	10	22	19	16	0	0	0	0	1	0	0	0	0	0	3.65	-	-
SHEFFIELD:																																
DORE	9	9	206	17.7	11.0	14.3	-	23.1	19	6.1	31	-	-	52	-	8	8	20	15	0	0	0	0	2	2	0	0	-	0	-	-	-
WESTON PARK	9	9	131	18.6	11.7	15.1	-0.6	25.2	19	6.8	31	16.1	15.0	49	66	14	8	20	13	0	0	0	0	0	-	0	-	-	0	4.09	89	-
DERBYSHIRE																																
ASHOVER	9	9	178	18.2	10.8	14.5	-	23.5	19	4.4	31	-	-	40	-	12	2	18	13	0	0	0	0	1	1	0	0	-	0	4.10	-	-
BUXTON	9	9	307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERBY	9	9	48	19.2	11.7	15.5	-	25.3	19	6.0	31	-	-	68	98	15	2	16	14	0	0	0	0	1	0	0	0	-	0	3.72	-	-
WINDERMORTH	9	9	116	18.1	10.0	14.1	-	23.8	19	3.0	31	16.2	-	52	-	18	2	19	15	0	0	0	0	2	0	0	0	0	0	4.50	-	-
NOTTINGHAMSHIRE																																
MANSFIELD	9	9	114	18.2	11.3	14.7	-0.8	24.0	19	6.5	31	-	-	61	-	13	2	18	16	0	0	0	0	0	0	0	0	-	0	-	-	-
NEWTHORPE	9	9	58	(19.0)	(8.4)	(13.7)	-	24.2	19	2.8	11	-	-	42	-	16	2	14	13	-	-	-	-	-	-	0	-	-	0	-	-	-
NOTTINGHAM	9	9	59	19.1	11.7	15.4	-0.7	25.0	19	7.6	31	16.7	15.8	51	72	22	2	14	13	0	0	0	0	4	0	0	0	-	0	3.98	85	-
SUTTON BONINGTON	9	9	48	19.0	10.4	14.7	-0.8	24.5	19	4.4	31	15.7	14.8	60	91	19	2	17	13	0	0	0	0	0	0	0	1	0	0	4.40	89	-
WARSOP	9	9	46	19.1	10.1	14.6	-	24.3	19	4.0	31	-	-	64	96	10	8	19	16	0	0	0	0	2	0	0	0	0	0	3.85	-	-
WATNALL	21-9		117	18.6	11.0	14.8	-0.7	25.4	19	5.7	31	-	-	54	68	22	2	18	13	0	0	0	0	3	1	0	0	0	0	3.63	75	-
STAFFORDSHIRE																																
KEELE	9	9	179	17.3	11.0	14.1	-	23.4	19	7.6	17	15.1	13.6	93	110	14	6	20	16	0	0	0	0	2	0	0	0	0	0	3.28	-	S
OAKEN	9	9	125	18.3	10.7	14.5	-0.6	23.9	19	7.1	17,31	15.9	-	46	59	8	8	18	14	0	0	0	0	1	0	0	0	0	0	-	-	S
PENKRIDGE	9	9	101	18.2	10.1	14.1	-	24.2	19	5.6	23	-	-	49	67	7	19	19	13	0	0	0	0	0	0	0	0	0	0	3.84	-	-
STONE	9	9	107	17.8	10.9	14.3	-	23.4	19	5.6	17	-	-	63	81	7	8	18	16	0	0	0	0	3	1	0	0	0	0	3.39	-	-
LEICESTERSHIRE																																
CALDECOTT	9	9	53	19.1	10.5	14.8	-	24.4	19	4.0	31	-	-	53	89	12	2	14	10	0	0	0	0	3	0	0	0	0	0	4.50	-	-
NEWTOWN LINFORD	9	9	119	18.9	10.1	14.5	-	24.2	19	3.8	31	-	-	63	88	14	2	19	11	0	0	0	0	5	0	0	1	-	0	3.96	-	-
SALOP																																
HAMPTON LOADE	9	9	70	19.0	10.6	14.8	-	24.0	19,21	6.0	17	-	-	37	-	7	2	12	11	-	-	-	-	-	-	0	-	-	-	(4.74)	-	-
NEWPORT	9	9	64	18.7	10.9	14.8	-0.3	23.5	19	6.2	17	-	-	73	102	15	2	17	14	0	0	0	0	3	0	0	0	-	0	3.95	82	-
OSWESTRY	9	9	174	17.6	11.3	14.5	-0.4	22.3	19	8.3	17	-	-	75	91	26	2	17	11	-	0	-	-	1	0	0	0	-	-	3.49	70	-
PRESTON MONTFORD	9	9	67	(18.5)	(10.5)	(14.5)	-	24.2	19	5.8	27	(16.4)	(15.5)	55	-	23	2	16	10	0	0	0	0	2	-	0	0	-	-	(4.18)	-	-
SHAWBURY	21-9		72	18.6	11.0	14.8	-0.5	24.0	19	6.4	13	-	-	49	68	13	2	15	12	0	0	0	0	2	0	0	0	0	0	3.64	73	-
SHREWSBURY	9	9	56	-	11.4	-	-	-	-	6.6	17	17.0	16.2	48	71	18	2	16	10	0	0	0	0	1	0	0	0	-	0	3.54	71	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	21-9		163	18.1	11.7	14.9	-0.8	24.2	19	8.7	31	13.4	-	77	98	29	2	18	13	0	0	0	1	3	0	0	0	0	0	4.01	83	-
ELMDON AIRPORT	21-9		96	18.7	10.9	14.8	-0.7	24.4	19	4.2	31	-	-	53	-	10	2	18	12	0	0	0	0	4	0	0	1	0	0	4.19	80	-
KING EDWARD.S SCHOOL	9	9	137	18.5	11.2	14.9	-	24.3	19	7.5	31	-	-	78	105	34	2	17	13	-	0	-	-	-	0	0	-	-	-	-	-	-
COVENTRY AIRPORT	9	9	81	19.3	10.6	14.9	-	24.2	19	4.7	31	15.2	14.6	99	-	32	2	19	13	0	0	0	0	4	0	0	-	-	0	4.32	-	-
WARWICKSHIRE																																
LUDDINGTON	9	9	56	19.3	11.1	15.2	-	24.7	19	5.3	31	-	-	49	-	12	2	18	12	0	0	0	0	1	0	0	0	-	0	4.54	-	-
MORETON MORRELL	9	9	85	19.2	11.1	15.1	-	24.7	19	5.7	31	-	-	50	71	8	2	17	14	0	0	0	0	0	0	0	0	-	0	4.42	-	-
RUGBY	9	9	116	19.0	11.1	15.1	-0.6	24.5	19	4.7	31	16.6	15.9	73	102	16	3	17	12	0	0	0	0	1	-	0	0	0	0	-	-	-
SHIPSTON-ON-STOUR	9	9	111	19.2	11.0	15.1	-0.6	24.4	19	5.6	31	16.2	-	46	66	12	7	18	12	0	0	0	0	4	0	0	1	-	1	-	-	-
STRATFORD-UPON-AVON	9	9	49	19.4	10.5	14.9	-1.0	24.7	19	4.1	31	17.1	-	41	58	7	19	19	11	-	0	-	-	-	0	0	0	-	-	4.05	77	-
WELLESBOURNE	9	9	47	19.8	10.8	15.3	-	25.9	19	4.4	31	16.3	15.5	48	70	9	2	17	10	-	0	-	-	-	0	0	0	-	-	4.85	-	-
NORTHAMPTONSHIRE																																
BUGBROOKE MILLS	9	9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOULTON PARK	9	9	122	18.7	10.6	14.7	-	23.9	19	5.7	31	15.8	14.7	47	-	10	12	17	10	0	0	0	0	2	-	0	0	-	0	4.77	-	S
RAUNDS	9	9	59	19.8	10.6	15.2	-0.8	25.1	19	4.7	31	16.9	14.9	55	96	15	9	14	11	0	0	0	0	1	0	0	0	-	0	3.74	73	S
HEREFORD & WORCESTER																																
ASTWOOD BANK	9	9	139	19.2	10.8	15.0	-	24.5	19	7.0	17,31	-	-	57	-	14	6	16	13	0	0	0	0	3	0	0	0	-	0	-	-	-
HEREFORD	9	9	51	-	-	-	-	-	-	-	-	-	-	41	62	12	7	16	11	0	-	0	0	1	-	-	-	-	0	5.09	-	-
LYONSHALL	9	9	155	18.7	10.7	14.7	-0.5	23.2	19	7.0	17,23	-	-	38	45	12	1	14	8	0	0	0	0	0	-	0	0	-	0	-	-	-
MALVERN	9	9	62	19.5	12.0	15.7	-	24.6	19	8.5	31	16.8	15.0	55	70	18	1	16	10	0	0	0	0	4	0	0	0	-	0	4.60	85	-
PERSHORE																																
COLLEGE OF HORT.	9	9	40	19.8	11.7	15.7	-	25.2	19	7.5	31	-	-	56	77	10	2	17	14	0	0	0	0	2	0	0	0	-	0	4.22	-	-
PRESTON WYNNE	9	9	84	19.7	9.7	14.7	-	24.5	19	5.0	17	-	-	60	88	19	1	17	12	0	0	0	0	2	1	0	0	-	0	4.46	-	-
GLOUCESTERSHIRE																																
CHELTENHAM	9	9	65	19.6	11.8	15.7	-0.8	25.1	19	8.7	13,31	-	-	92	124	23	12	17	12	0	-	0	0	0	-	0	-	-	0	4.93	94	-
INNSWORTH	21-9		21	19.7	11.8	15.7	-	24.8	19	7.5	23	-	-	55	-	9	7	14	11	0	0	0	0	3	0	0	0	0	0	4.93	-	-
OXFORDSHIRE																																
BENSON	21-9		67	20.1	11.1	15.6	-	24.4	19	4.6	31	-	-	45	-	12	7	11	7	0	0	0	0	3	0	0	0	0	-	5.58	-	-
BRIZE NORTON	21-9		81	19.8	11.2	15.5	-	24.4	19	5.6	31	-	-	36	-	7	1	13	9	0	0	0	0	2	0	0	1	0	0	4.62	-	-
LETCOMBE REGIS	9	9	107	19.9	10.6	15.3	-	24.5	19	4.1	31	16.8	-	47	67	14	7	11	8	0	0	0	0	2	0	0	0	-	0	-	-	-
OXFORD	9	9	63	20.2	11.3	15.7	-0.8	24.9	19	6.4	31	17.4	16.1	33	48	12	1	15	9	0	0	0	0	3	0	0	0	0	0	5.08	91	-
SHIRBURN(MODEL FARM)	9	9	100	19.7	10.6	15.1	-	24.6	19	3.6	31	16.8	-	44	-	10	2	13	10	0	0	0	0	5	1	0	1	-	0	-	-	-
WALLINGFORD	9	9	48	19.8	10.7	15.3	-	24.3	19	3.5	31	16.4	14.8	43	78	8	12	11	8	0	0	0	0	4	-	0	0	-	0	4.95	-	-
BUCKINGHAMSHIRE																																
AYLESBURY	9	9	96	19.7	11.1	15.4	-0.5	25.0	19	5.0	31	-	-	37	64	13	7	13	9	0	0	0	0	3	2	0	-	-	0	5.10	94	-
GRENDON UNDERWOOD	9	9	67	19.6	9.5	14.5	-	24.0	19	2.7	31	16.5	15.2	28	44	7	2	12	10	0	0	0	0	1	-	0	2	-	0	5.19	-	S
WEDMENHAM	9	9	30	20.0	9.3	14.7	-	24.5	19	2.8	31	-	-	48	72	13	7	12	10	-	0	-	-	-	-	0	1	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL (HGMT) OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN ((A+B)/2)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM	DATE	LOWEST MINIMUM	DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
5 ENGLAND SE & CENTRAL S.																																
GREATER LONDON																																
BROMLEY	9	9	65	20.4	12.0	16.2	-0.6	24.5	19.20.21	7.5	31	-	-	37	56	10	2	11	8	-	0	-	-	-	-	-	-	-	-	-	-	-
GREENWICH	9	9	7	(20.6)	(12.4)	(16.5)	-	24.8	19	8.9	27	-	-	42	68	13	2	12	9	0	-	0	0	2	0	0	0	-	0	5.40	-	-
HAMPSTEAD	9	9	137	19.6	11.7	15.7	-0.6	24.1	19	6.4	31	-	-	55	81	13	2	12	11	0	0	0	0	1	-	0	0	-	0	5.44	96	S
HAMPTON	9	9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARROW WEALD	9	9	98	20.2	10.9	15.5	-	24.0	19	5.5	31	17.2	16.1	42)	-	(14)	2	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-
HEATHROW AIRPORT	21-9	25	20.6	12.1	16.3	-0.7	25.0	21	6.9	31	-	-	54	82	25	2	12	9	0	0	0	3	0	0	0	0	0	-	5.73	-	-
KENSINGTON PALACE	9	9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEW	21-9		5																													
PSYCHROMETER				20.0	10.7	15.3	-	24.0	19	6.3	27	16.4	14.9	34	54	6	2	11	8	0	0	0	0	4	0	0	2	0	0	5.79	98	-
NORTH WALL SCREEN				20.5	12.1	16.3	-0.8	24.3	19	8.2	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON																																
WEATHER CENTRE (X)	21-9		77	20.6	13.7	17.1	-	26.0	20	10.3	31	-	-	37	-	9	2	13	9	0	0	0	0	3	0	0	-	-	0	5.68	103	-
ST JAMES PARK	9	9	9	20.8	12.9	16.9	-0.6	25.1	19	9.4	27	-	-	43	69	9	7	14	10	-	0	-	-	-	-	0	0	-	0	-	-	-
SOUTHGATE	9	9	67	20.1	(11.7)	(15.9)	(-0.8)	24.5	19	7.4	31	16.3	-	47	73	14	2	12	10	0	0	0	0	2	0	0	0	-	0	5.57	105	-
WADDON	9	9	59	(20.2)	11.6	(15.9)	(-0.8)	24.0	19.20.21	7.0	31	-	-	28	46	10	2	13	7	-	-	-	-	-	-	0	-	-	-	-	-	-
WILTSHIRE																																
BOSCOMBE DOWN	21-9		126	19.7	10.7	15.2	-0.7	24.2	19	6.1	31	16.6	14.6	42	62	21	1	13	9	0	0	0	0	2	0	0	1	0	0	5.81	101	-
LACOCK	9	9	49	19.7	10.2	14.9	-	23.7	19	5.0	24	-	-	31	42	11	1	13	7	0	0	0	0	1	0	0	0	-	0	-	-	-
LARKHILL	9	9	132	19.7	10.8	15.3	-0.3	24.5	19	6.2	31	-	-	36	50	17	1	12	6	0	0	0	0	4	0	0	0	0	0	-	-	-
LYNEHAM	21-9		145	19.1	11.1	15.1	-0.5	24.0	19	8.0	31	-	-	50	67	18	2	12	7	0	0	0	0	2	0	0	0	0	0	5.45	-	-
PORTON	9	9	111	19.6	10.4	15.0	-0.6	23.5	19	4.1	31	16.2	-	52	74	25	1	12	8	-	0	-	-	-	-	0	1	0	0	5.76	99	-
TROWBRIDGE	9	9	37	19.9	10.6	15.3	-	24.9	19	6.0	24	16.7	-	38	-	11	1	12	6	0	0	1	0	4	0	0	0	0	0	-	-	-
UPAVON	21-9		179	19.5	10.9	15.2	-	22.9	19	6.7	31	-	-	46	63	11	1	14	8	0	0	0	0	4	0	0	0	0	0	-	-	-
BERKSHIRE																																
EASTHAMPSTEAD	9	9	77	19.9	9.5	14.7	-	23.8	19	1.8	31	15.7	14.7	52	-	11	1	12	8	0	0	0	0	3	0	0	1	0	0	5.96	-	-
HURLEY	9	9	43	19.9	10.6	15.3	-	24.2	19	4.0	31	16.6	-	54	79	14	7	12	10	0	0	0	0	2	0	0	0	-	0	5.24	-	-
LAMBOURN(WARREN FARM)	9	9	192	19.8	10.1	14.9	-	24.7	19	5.0	31	16.3	-	44	-	12	7	13	11	0	0	0	0	1	-	0	0	-	0	-	-	-
READING	9	9	66	19.7	11.1	15.4	-	23.9	19	5.2	31	16.5	15.4	50	-	15	2	12	8	0	0	0	0	3	0	0	1	0	0	5.90	-	-
SHINFIELD(N.I.R.D.)	9	9	62	20.0	10.9	15.5	-	24.1	19	4.6	31	-	-	44	-	10	2	11	8	0	0	0	0	2	2	0	0	-	0	5.44	-	-
SURREY																																
WISLEY	9	9	32	20.5	10.5	15.5	-1.0	24.1	19	3.4	31	17.0	16.0	51	84	13	9	14	9	0	0	0	0	3	1	0	1	-	0	6.04	108	-
KENT																																
DOVER R.M.S.	9	9	123	18.1	11.7	14.9	-	22.2	19	7.5	31	-	-	22	29	7	5	12	5	0	0	0	0	0	2	0	-	-	0	-	-	-
DUNGENESS	9	9	6	18.7	12.5	15.6	-	22.0	19	6.2	31	-	-	43	71	19	7	12	7	0	0	0	0	3	0	0	-	-	0	-	-	-
EAST MALLING	9	9	52	20.1	11.1	15.6	-0.5	24.8	22	5.2	31	17.1	16.0	19	30	6	1	10	7	0	0	0	0	3	1	0	0	0	0	5.86	97	-
EDENBRIDGE	9	9	45	20.0	10.4	15.2	-	23.8	21	3.8	31	-	-	32	-	7	9	11	7	-	-	-	-	-	-	0	-	-	-	6.08	-	-
ELMSTONE	9	9	5	20.6	10.3	15.5	-	26.2	20	5.4	27	-	-	16	28	6	1	10	6	0	0	0	0	2	-	0	-	-	0	-	-	-
FAVERSHAM	9	9	48	20.0	11.4	15.7	-	25.4	20	7.2	27	16.2	15.7	33	50	11	9	10	8	0	0	0	0	1	0	0	0	-	0	6.08	-	-
FOLKESTONE	9	9	31	18.8	11.3	15.1	-	22.7	19	5.4	27	-	16.2	35	57	13	7	14	9	0	0	0	0	2	0	0	0	-	0	7.09	108	-
GILLINGHAM	9	9	3	21.0	12.3	16.7	-	26.5	20	7.5	31	-	-	41	72	6	1	13	11	-	-	-	-	-	-	0	-	-	-	-	-	-
GOUDHURST	9	9	85	19.3	10.8	15.1	-0.6	23.7	20	3.1	31	-	-	19	25	5	1	13	7	0	0	0	0	1	0	0	2	-	0	-	-	-
HADLOW COLLEGE	9	9	27	20.1	10.4	15.3	-	24.2	20	4.5	31	16.6	15.8	34	-	14	9	12	7	0	0	0	0	2	0	0	0	-	0	(5.55)	-	-
HERNE BAY	9	9	31	20.1	11.8	16.0	-	26.5	20	7.5	27	17.2	-	25	-	7	1	11	7	0	0	0	0	0	0	0	0	-	0	6.78	107	-
MANSTON	21-9		44	20.0	12.3	16.1	-	26.2	20	8.8	27	-	-	24	45	5	1	12	7	0	0	1	0	3	0	0	0	0	0	6.85	-	-
MARGATE	9	9	16	19.7	13.8	16.7	-0.4	26.4	20	11.0	27	17.5	16.3	18	35	4	1	11	7	0	0	0	0	2	0	0	0	-	0	6.62	100	-
ULCOMBE	21-9		47	20.3	10.3	15.3	-	25.1	20	3.9	31	-	-	28	-	7	1	11	9	0	0	0	0	2	0	0	1	0	0	5.89	-	-
WYE	9	9	56	19.8	10.6	15.2	-1.1	24.8	20	5.2	27	16.6	15.6	28	40	9	9	12	7	0	0	0	0	0	0	0	0	-	0	5.92	97	-
HAMPSHIRE																																
ALICE HOLT LODGE	9	9	115	19.4	10.3	14.9	-0.8	23.2	19	3.1	31	-	-	59	79	25	1	12	10	0	0	0	0	3	0	0	1	-	0	4.93	-	S
EVERTON	9	9	16	19.4	11.6	15.5	-	22.3	19	7.0	31	-	-	38	56	19	1	10	9	0	0	0	0	0	0	0	0	-	0	6.81	-	-
HAYLING ISLAND	9	9	4	19.5	12.8	16.1	-	21.6	19	7.3	31	-	-	38	59	15	1	11	6	0	0	0	0	2	0	0	-	-	0	7.15	-	-
LECKFORD	9	9	117	20.7	10.3	15.5	-0.4	24.8	19	5.0	31	15.4	-	65	84	21	1	13	9	0	0	0	0	2	0	0	-	-	0	5.49	95	-
LONG SUTTON	9	9	145	19.5	10.7	15.1	-	22.9	21	5.3	31	17.3	15.5	54	73	18	1	11	8	0	0	0	0	2	1	0	0	0	0	5.91	106	-
MARTYR WORTHY	9	9	84	20.0	9.8	14.9	-	23.3	20	3.5	21	-	-	46	62	12	2	12	9	0	0	0	0	1	0	0	0	-	0	(5.34)	-	-
SOUTHAMPTON																																
MAYFLOWER PARK	9	9	3	20.3	12.3	16.3	-0.8	23.7	23	8.0	31	17.3	16.5	51	-	26	1	9	8	0	0	0	0	2	0	0	0	0	0	5.95	98	-
WEATHER CENTRE (X)	21-9		19	20.4	12.6	16.5	-	23.6	20	8.6	31	-	-	51	-	26	1	9	8	0	0	0	0	2	0	0	-	0	0	-	-	-
SOUTHSEA	9	9	2	19.8	13.2	16.5	-0.8	22.2	20	8.3	31	17.9	17.0	36	54	15	1	10	8	0	0	0	0	2	0	0	0	-	0	6.98	107	-
SPARSHOLT	9	9	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ISLE OF WIGHT																																
RYDE	9	9	4	19.7	13.1	16.4	-0.7	22.1	27	8.3	31	-	-	39	55	19	1	9	8	0	0	0	0	2	0	0	-	-	0	6.78	101	-
ST CATHERINES POINT	9	9	16	17.7	13.2	15.5	-0.9	19.7	23	8.6	31	-	-	28	42	21	1	7	4	0	0	0	0	0	0	0	-	-	0	-	-	-
SANDOWN	9	9	4	19.7	12.3	16.0	-1.1	21.7	22	5.3	31	-	-	23	35	14	1	7	6	0	0	0	0	1	0	0	-	-	0	7.63	111	-
SHANKLIN	9	9	55	18.6	11.9	15.3	-0.8	20.3	22	5.7	31	-	-	24	31	13	1	10	5	0	-	0	0	1	1	0	-	-	0	8.18	113	-
YENTNOR	9	9	135	18.7	12.5	15.6	-0.9	22.6	21	8.6	31	17.5	-	25	34	16	1	8	5	0	0	0	0	0	0	0	-	-	0	7.58	112	-
WEST SUSSEX																																
BOGNOR REGIS	9	9	7	19.1	12.6	15.9	-0.6	21.4	23	7.0	31	-	16.2	40	60	17	7	8	8	0	0	0	0	2	0	0	0	-	0	7.34	110	-
FERNHURST	9	9	57	19.8	10.2	15.0	-0.9	23.6	19	2.9	31	16.7	-	46	59	16	1	13	12	-	0	-	-	-	-	0	0	-	-	5.98	95	-
GATWICK AIRPORT	21-9		59	20.0	10.1	15.1	-	23.6	19	3.2	31	-	-	31	46	8	2	12	8	0	0	0	0	3	1	0	1	0	0	5.94	-	-
HURSTPIERPOINT	9	9	29	19.9	10.3	15.1	-	23.5	19	3.6	31	-	-	48	-	20	1	12	8	-	0	-	-	-	-	0	-	-	-	-	-	S
LITTLEHAMPTON	9	9	5	19.1	11.9	15.5	-1.0	22.1	27	5.5	31	-	16.4	27	41	11	1	10	6	0	0	0	0	2	0	0	0	0	0	7.08	106	-
ROGATE	9	9	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WORTHING	9	9	2	19.0	11.9	15.5	-	21.9	23	4.9	31	18.3	-	61	-	34	7	7	5	0	0	0	0	2	0	0	0	-	0	7.42	-	-
EAST SUSSEX																																
BEXHILL	9	9	4	18.7	12.8	15.7	-0.8	22.1	19	6.5	31	17.5	16.1	28	43	13	7	8	5	0	0	0	0	3	0	0	0	-	0	6.74	105	-
BRIGHTON	9	9	10	(18.4)	12.4	(15.4)	(-1.5)	21.6	19	7.0	31	-	16.9	47	68	15	1	8	7	0	0	0	0	1	0	0	0	-	2	6.88	105	-
EASTBOURNE	9	9	7	18.8	13.2	16.0	-0.8	21.1	19	9.0	31	17.2	16.6	15	19	7	1	9	5	0	0	0	0	2	0	0	0	-	0	7.08	101	-
EAST HORTHLY	9	9	38	19.4	9.7	14.5	-	22.4	19	2.2	31	-	-	41	56	12	7	9	6	0	0	0	0	3	1	0	1	0	0	6.41	-	-
HASTINGS	9	9	45	18.9	12.7	15.8	-0.9	22.0	19	7.4	31	17.9	16.8	26	39	8	7	10	5	0	0	0	0	1	0	0	0	-	0	6.70	103	-
HERSTMONCEUX	21-9		18	19.4	10.7	15.1	-	22.5	19	4.3	31	-	-	40	-	13	7	9	6	0	0	0	0	3	0	0	1	0	0	6.58	-	-
PLUMPTON	9	9	76	-	11.2	-	-	-	-	6.0	31	-	-	53	55	26	1	10	8	-	0	-	-	-	3	0	0	-	-	7.11	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL HIGHT: OF OBSERVATION MAX. MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM MAX.	HIGHEST MAXIMUM DATE	LOWEST MINIMUM MIN.	LOWEST MINIMUM DATE	MEAN EARTH TEMPERATURE 30 CM DEGREES C	MEAN EARTH TEMPERATURE 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY AMOUNT (MM)	MOST IN A DAY DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE	21-9	26	17.8	11.0	14.4	-	22.7	19	6.2	10.30	15.9	15.0	59	58	16	14	15	13	0	0	0	0	1	0	0	0	0	0	3.83	-	-
CARTMEL	9 9	35	17.4	10.7	14.1	-	22.3	19	5.7	10	-	-	129	-	27	13	19	15	0	0	0	0	1	0	0	-	-	0	-	-	-
ORIZEDALE	9 9	91	17.8	9.0	13.4	-	22.2	19	4.9	10	14.5	-	161	94	42	13	18	17	0	0	0	0	0	0	0	5	-	0	-	-	-
MOOR HOUSE	9 9	556	13.5	7.8	10.7	-	18.7	19	0.4	26	11.3	-	117	62	19	5	19	15	0	0	0	0	1	1	0	3	-	0	3.20	-	-
NEWTON RIGG	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SELLAFIELD	9 9	13	(17.1)	(12.4)	(14.7)	-	21.7	2	(0.0)	30	-	-	131	138	25	13	18	16	-	-	-	-	-	-	0	0	-	-	(3.63)	-	-
LANCASHIRE																																
HAZELRIGG	9 9	95	16.7	11.6	14.1	-	22.9	19	7.2	10	-	-	152	-	55	5	17	16	0	0	0	0	0	0	0	0	-	0	3.27	-	-
HELMSHORE	9 9	260	15.9	10.8	13.3	-	21.9	19	7.3	30.31	13.8	-	92	61	13	14	17	15	0	0	0	0	1	1	0	0	-	0	3.55	-	-
KIRKHAM	9 9	24	17.3	11.9	14.6	-	23.9	19	8.3	10	-	-	85	82	30	5	17	13	0	0	0	0	2	0	0	0	-	0	3.53	-	-
MORECAMBE	9 9	7	17.9	12.9	15.4	-0.3	23.6	19	9.9	10.30.31	-	-	119	119	28	5	17	15	0	0	0	0	0	0	0	-	-	0	3.79	72	-
PRESTON	9 9	33	17.6	12.0	14.8	-	23.9	19	8.4	10	-	-	79	70	28	5	19	13	0	0	0	0	1	0	0	0	-	0	-	-	-
SLAIBURN	9 9	192	17.0	10.3	13.7	-	22.5	19	4.7	10	-	-	114	76	25	5	20	17	0	0	0	0	0	0	0	0	-	0	3.61	-	-
SQUIRES GATE AIRPORT	21-9	10	17.7	12.5	15.1	-0.4	24.1	19	8.1	26	-	-	73	76	15	2	18	14	0	0	0	0	2	0	0	0	0	0	4.16	73	-
STONYHURST	9 9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MERSEYSIDE																																
AIGBURTH	9 9	12	18.1	13.0	15.5	-	23.4	19	9.6	31	-	-	101	-	23	6	16	14	0	0	0	0	1	0	0	0	0	0	-	-	-
BIDSTON	9 9	60	17.1	12.6	14.9	-	23.8	19	10.2	17	-	-	104	-	24	2	17	15	0	0	0	0	2	0	0	0	-	0	3.61	-	-
ST HELENS	9 9	76	18.2	11.8	15.0	-	25.3	19	8.6	17	(16.8)	-	91	-	13	14	17	13	0	-	0	0	0	-	0	-	-	0	3.71	-	-
SOUTHPORT	9 9	5	17.5	11.9	14.7	-0.8	24.0	19	8.3	10	15.7	13.5	84	90	18	5	18	13	-	-	-	-	-	-	0	0	-	-	3.77	67	-
WEST KIRBY PARK	9 9	7	18.7	13.1	15.9	-0.2	24.6	19	10.8	26	-	-	87	114	26	2	16	14	-	0	-	-	-	-	0	0	-	-	-	-	-
GREATER MANCHESTER																																
BOLTON	9 9	107	17.2	11.3	14.3	-	23.0	19	6.2	17	14.7	13.8	78	-	15	14	19	13	0	0	0	0	0	0	0	0	-	0	3.18	67	S
MANCHESTER																																
RINGWAY AIRPORT	21-9	75	17.8	12.0	14.9	-0.6	24.1	19	8.1	31	-	-	72	79	12	7	17	13	0	0	0	0	1	0	0	0	0	0	3.64	74	-
WEATHER CENTRE (X)	21-9	69	18.1	12.7	15.4	-	24.9	19	9.5	31	-	-	79	-	10	14	16	13	0	-	0	0	1	0	0	-	-	0	3.22	-	-
CHESHIRE																																
KNUTSFORD	9 9	65	(18.4)	(11.2)	(14.8)	-	24.5	19	7.4	17	(16.2)	(15.4)	78	88	11	14	(17)	(14)	-	0	-	-	-	-	0	0	-	-	-	-	-
MACCLESFIELD	9 9	152	17.3	11.4	14.3	-0.9	24.4	19	7.0	31	-	-	108	114	17	7	19	16	0	0	0	0	2	0	0	-	-	0	-	-	-
NESS GARDENS	9 9	30	18.1	11.9	15.0	-	23.8	19	8.7	17	15.9	-	98	137	32	8	19	14	0	0	0	0	3	0	0	0	-	0	3.34	-	S
ISLE OF MAN																																
DOUGLAS	9 9	85	16.2	11.6	13.9	-0.4	20.2	2	8.2	17	-	-	101	100	17	19	18	12	0	0	0	0	1	1	0	0	-	0	3.97	67	-
POINT OF AYRE	21-9	9	17.5	11.9	14.7	-0.4	24.0	21	7.0	11	-	-	76	92	14	13	16	11	0	0	0	0	0	0	0	-	-	0	4.40	75	-
RONALDSWAY AIRPORT	21-9	16	16.3	11.7	14.0	-0.5	20.8	2	6.6	11	-	-	87	113	16	5	15	13	0	0	0	3	2	0	0	0	0	0	4.15	72	-
7B WALES N																																
GWYNEDD																																
BALA	9 9	163	17.3	9.7	13.5	-	22.8	19	3.2	26	15.6	15.0	80	77	14	14	18	14	0	0	0	0	2	0	0	0	0	0	3.88	-	-
BARDSEY ISLAND	21-9	15	15.9	12.7	14.3	-	18.5	1.12	11.0	8	-	-	73	96	20	13	13	7	0	0	0	0	0	-	0	0	0	2	-	-	-
BETWS-Y-COED	9 9	20	-	(10.3)	-	-	-	-	4.6	26	-	-	120	-	41	5	17	12	0	0	0	0	0	-	0	-	-	0	-	-	-
BOTWNNOG	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CWMYSTRADLLYN	9 9	204	16.3	11.0	13.7	-	20.0	19	7.5	17	-	-	251	-	70	13	19	15	-	-	-	-	-	-	0	-	-	-	4.24	-	-
LLYN ALAW	9 9	44	17.1	11.2	14.1	-	21.5	19	7.0	10	-	-	75	-	21	13	18	11	-	-	-	-	-	-	0	-	-	-	4.02	-	-
PEN-Y-FFRIDD	9 9	84	17.4	11.4	14.4	-	22.8	19	8.2	26	-	-	101	104	25	13	17	14	0	0	0	0	2	0	0	0	-	0	3.82	-	S
TRAWSFYNYDD	9 9	193	(16.5)	(10.7)	(13.6)	-	21.7	19	7.2	17	-	-	176	119	32	14	17	16	-	0	-	-	-	-	0	-	-	-	-	-	-
VALLEY	21-9	10	16.8	12.2	14.5	-0.8	20.4	2.19	7.9	17	-	-	70	91	21	13	15	11	0	0	0	0	2	0	0	0	0	0	4.28	73	-
CLWYD																																
ALWEN	9 9	335	15.8	8.4	12.1	-	22.3	19	2.0	26	-	-	112	100	24	5	19	15	-	0	-	-	-	-	0	5	-	-	-	-	-
BALCHDWYN	9 9	386	15.4	9.7	12.5	-	21.0	19	6.8	17	12.5	-	84	89	19	2	20	14	0	0	0	0	1	1	0	0	-	0	-	-	-
COLWYN BAY	9 9	18	17.0	12.2	14.6	-	23.5	19	9.5	17	15.7	-	133	202	48	2	17	14	0	0	0	0	1	0	0	-	-	0	4.20	76	-
CORWEN	9 9	144	17.6	9.4	13.5	-	23.8	19	2.4	26	-	-	78	86	17	8	19	13	0	0	0	0	3	1	0	0	-	0	-	-	-
HAWARDEN BRIDGE	9 9	5	19.0	11.7	15.3	-0.7	24.7	19	8.7	11	-	-	92	139	35	8	17	14	0	0	0	0	2	0	0	-	-	0	-	-	-
LLOGGERHEADS	9 9	210	16.7	10.2	13.5	-	23.0	19	5.9	11	14.6	13.9	111	136	26	5	18	16	0	0	0	0	1	1	0	0	-	0	3.31	-	S
PRESTATYN	9 9	4	17.3	12.8	15.1	-0.8	24.8	19	10.2	17	-	-	96	141	42	2	18	13	0	0	0	0	1	0	0	-	-	0	3.59	71	-
RUTHIN	9 9	76	17.7	11.0	14.3	-	23.3	19	6.3	26	-	-	80	120	20	2	18	14	0	0	0	0	0	0	0	-	-	0	3.59	-	-
POWYS(NORTH)																																
HOPE	9 9	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAKE VYRNWY	9 9	303	16.3	9.5	12.9	-0.8	21.5	19	5.2	17	13.9	-	87	65	27	14	19	13	0	0	0	0	1	1	0	0	-	0	-	-	-
LLANFAIR CAEREINION	9 9	236	17.8	10.3	14.1	-	23.0	19	7.2	27	15.1	-	79	-	21	1	18	12	0	0	0	0	1	0	0	0	-	0	-	-	-
NOEL CYNNEDD	9 9	358	16.1	8.0	12.1	-	21.6	19	2.3	23	13.1	-	120	-	45	14	18	14	0	0	0	1	2	-	0	3	-	0	-	-	-
8A WALES S																																
DYFED																																
ABERPORTH	21-9	134	16.2	11.5	13.9	-1.0	22.0	19	8.6	11	-	-	61	79	32	14	13	9	0	0	0	0	1	0	0	0	0	0	4.55	81	-
ABERYSTWYTH	9 9	4	-	-	-	-	-	-	-	-	-	-	72	72	31	14	16	11	0	0	0	0	0	-	0	-	-	0	-	-	-
BRAWDY	21-9	111	16.2	11.1	13.7	-	19.5	19	7.9	11.24	-	-	111	-	36	14	12	10	0	0	0	0	0	2	0	0	0	0	5.38	-	-
BRYNAMMAN	21-9	183	17.8	10.9	14.3	-	23.3	19	6.5	17	-	-	65	-	13	14	16	12	0	-	0	0	0	0	0	0	-	0	-	-	-
CARMARTHEN	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CWMYSTWYTH	9 9	301	16.0	9.4	12.7	-	22.0	19	4.5	17.23	-	-	100	65	26	14	18	15	0	0	0	0	0	-	0	0	-	0	3.35	-	S
DALE FORT	9 9	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ODGERDDAN	9 9	31	17.4	11.2	14.3	-	24.0	19	5.8	26	-	-	87	88	31	14	15	14	0	0	0	0	1	0	0	0	-	0	4.05	-	-
MILFORD HAVEN (CONSERVANCY BOARD)	21-9	37	17.3	12.1	14.7	-	19.4	2	9.4	10	-	-	76	90	24	14	11	8	0	0	0	0	0	0	0	0	0	0	-	-	-
ORIELTON	9 9	61	17.9	11.3	14.6	-	20.7	19	7.6	17.26	15.9	-	73	78	31	14	11	9	0	0	0	0	1	1	0	0	-	0	-	-	-
SKOKHOLM ISLAND	9 9	34	16.4	(12.7)	(14.5)	-	18.1	21	11.4	6.17	-	-	72	-	21	14	11	9	0	0	0	0	0	0	0	-	-	0	-	-	-
TENBY	9 9	5	17.9	11.1	14.5	-	20.5	19	5.9	11	-	-	51	-	28	14	9	8	0	0	0	0	0	0	0	-	-	0	6.28	-	-
TRAWSCOED	9 9	61	17.5	10.2	13.9	-	23.8	19	4.6	23	15.5	-	83	80	31	14	17	14	0	0	0	0	1	0	0	-	-	0	3.70	74	-
TREGARON	9 9	178	17.2	9.5	13.3	-	22.8	19	3.0	23	-	-	88	-	24	14	16	13	-	0	-	-	-	0	0	-	-	-	3.58	-	S
WHITECHURCH	9 9	130	17.1	9.9	13.5	-	21.0	19	5.6	24	-	-	99	-	45	14	15	13	0	0	0	0	1	0	0	0	-	0	-	-	-
POWYS(SOUTH)																																
CENARTH	21-9	308	16.9	9.2	13.1	-	22.1	19	2.9	23	-	-	56	-	12	15	16	10	0	0	0	0	0	3	0	0	2	-	-	-	-
LLANGENNY	9 9	122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	TERMINAL (HGMT) OF OBSERVATION MAX.	MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	DATE	LOWEST MINIMUM: MIN.	DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	GALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
8A WALES S CONTINUED																																
WEST GLAMORGAN																																
MUMBLES HEAD	21-9		36	18.2	12.6	15.4	-	21.7	19	9.6	13	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0 (1	0)	0	-	-	-
HEATH	9	9	62	18.8	11.8	15.3	-	24.1	19	7.2	17	-	-	53	43	10	14	10	8	0	0	0	0	0	0	0	0	-	0	-	-	-
PENMAEN	9	9	87	18.5	11.7	15.1	-	22.4	19	9.5	11	15.8	16.4	55	48	13	1	11	9	0	0	0	1	1	0	0	0	0	0	5.38	-	-
PORT TALBOT	9	9	5	19.4	12.0	15.7	-	24.5	19	5.9	17	-	-	56	51	14	1	11	9	0	0	0	0	0	0	0	-	-	0	5.48	-	S
SWANSEA	9	9	10	18.9	12.4	15.7	-0.8	22.2	19	9.2	17	17.8	17.0	45	42	11	1	10	7	0	0	0	0	0	0	0	0	-	0	-	-	S
WHITEFORD BURROWS	9	9	5	18.8	11.8	15.3	-	22.9	19	6.0	17	-	-	49	-	14	14	12	8	0	0	0	0	1	-	0	1	-	0	-	-	-
MID GLAMORGAN																																
ABERDARE FILTER STATION	9	9	174	18.1	10.6	14.3	-	22.2	28	6.3	17	-	-	44	-	15	15	15	7	-	-	-	-	-	-	C	0	-	-	5.03	-	-
CILFYNYDD	21-9		194	(18.4)	(10.6)	(14.5)	-	(23.0)	19	7.0	17	-	-	51	-	21	1	14	9	0	0	0	1	0	0	0	0 (1	0)	0	-	-	-
LLWYNON	9	9	241	17.5	10.0	13.7	-	21.7	19,27	5.4	17	-	-	65	45	20	15	17	11	0	0	0	0	2	0	-	-	-	0	4.56	-	S
PORTHCAWL	9	9	6	19.0	12.8	15.9	-	23.2	19	8.4	17	-	-	50	50	21	1	10	10	-	-	-	-	2	0	-	-	-	-	6.17	-	-
SOUTH GLAMORGAN																																
BRIDGEND	9	9	40	18.9	11.3	15.1	-	23.7	19	6.5	17	17.0	15.3	64	-	15	1	12	10	0	0	0	1	2	0	0	0	-	0	-	-	-
CARDIFF (BUTE PARK)	9	9	9	19.6	11.4	15.5	-	23.7	21	7.3	17	-	16.1	41	-	13	1	11	10	0	0	0	0	0	0	0	0	-	0	5.32	-	S
RHOOSE AIRPORT	21-9		67	18.8	11.3	15.1	-	23.3	19	7.5	17	-	-	35	-	11	1	11	8	0	0	0	0	1	0	0	0	0	0	6.08	-	-
GWENT																																
CRUMBLAND	9	9	245	18.4	10.5	14.5	-	23.5	19	7.2	31	14.8	14.1	57	60	15	7	12	9	0	0	0	0	2	0	1	-	0	4.96	-	-
USK	9	9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8B ENGLAND SW																																
AVON																																
BATH	9	9	118	19.3	11.5	15.4	-	23.2	19	9.0	16,31	16.9	-	53	65	17	19	10	7	-	0	-	-	-	0	0	-	-	-	-	-	-
FILTON	21-9		59	19.3	11.8	15.5	-0.6	23.8	19	8.6	27	-	-	55	67	17	7	12	10	0	0	0	0	3	0	0	0	0	0	5.75	105	-
LONG ASHTON	9	9	51	19.4	11.2	15.3	-0.7	24.6	19	8.0	23	17.0	-	47	50	13	1	12	9	0	0	0	0	1	0	0	0	-	0	6.16	107	-
SOMERSET																																
CANNINGTON	9	9	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CREWKERNE	9	9	101	19.2	11.4	15.3	-	22.3	20	8.5	24	16.5	-	30	-	15	1	12	8	0	0	0	0	0	-	0	-	-	0	-	-	-
DOWNSIDE ABBEY	9	9	183	18.6	(10.0)	(14.3)	-	22.9	19	6.1	14	-	-	61	57	27	1	12	8	0	-	0	0	0	0	0	-	-	0	-	-	-
EXTON	21-9		329	17.8	10.0	13.9	-	22.2	19	7.1	31	-	-	53	-	27	1	15	10	0	0	0	0	3	0	0	0	0	0	-	-	-
HAWKRIDGE	9	9	314	16.6	10.3	13.5	-	20.8	19	6.8	11	-	-	64	48	19	1	16	9	0	0	0	0	2	0	0	0	-	0	5.25	-	-
NETTLECOMBE	9	9	96	19.1	9.5	14.3	-	22.9	19,20	4.4	7	17.1	-	29	-	18	1	7	5	0	0	0	0	2	0	0	0	-	0	-	-	-
NETTLECOMBE(BIRDS HILL)	9	9	280	17.3	10.8	14.1	-	21.5	19	8.3	25	-	-	37	-	22	1	9	7	0	0	0	0	2	0	0	0	-	0	-	-	-
RODNEY STOKE	9	9	40	19.2	11.2	15.2	-	24.3	19	7.9	17	17.1	16.0	57	60	23	7	12	10	0	0	0	0	1	0	0	0	-	0	-	-	-
WINCANTON	9	9	113	19.3	10.7	15.0	-	23.7	19	6.7	27	-	-	57	66	22	1	10	10	0	0	0	0	2	1	0	0	0	0	5.69	-	-
YEOVILTON	21-9		18	20.1	10.8	15.5	-	24.5	19	7.0	25	-	-	29	40	11	1	13	7	0	0	0	0	3	0	0	0	0	0	-	-	-
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT	21-9		10	19.8	10.7	15.3	-	22.3	20	5.6	27	-	-	45	67	16	1	8	5	0	0	0	0	2	0	0	0	0	0	6.64	-	-
MEYRICK PARK	9	9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHRISTCHURCH	9	9	3	19.3	11.7	15.5	-	22.1	20	7.7	27	-	-	63	97	28	2	10	7	0	0	0	2	-	0	-	-	-	0	-	-	-
POOLE	9	9	5	20.2	11.1	15.7	-0.9	22.9	20	6.2	27	17.3	16.3	41	64	19	1	9	7	0	0	0	0	2	0	0	0	-	0	6.63	102	-
PORTLAND BILL (COASTGUARD)	21-9		53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWANAGE	9	9	11	18.7	12.7	15.7	-0.8	21.0	22	9.0	31	-	16.4	55	83	20	9	9	8	0	0	0	2	0	0	0	0	-	0	7.13	104	-
WEYMOUTH	9	9	23	19.4	11.9	15.7	-	22.8	23	8.5	25	-	-	26	-	8	9	9	7	0	0	0	2	0	0	-	-	-	0	6.79	102	-
WINFRITH	9	9	26	(19.5)	(10.6)	(15.1)	-	22.4	19	5.5	27	-	-	50	71	15	9	10	8	0	0	0	0	0	0	-	-	-	0	-	-	-
DEVON																																
CHAWLEIGH	9	9	168	18.8	10.1	14.5	-	22.8	19	6.2	25	16.5	-	48	-	7	4,15	13	11	0	0	0	0	0	-	0	0	-	0	(5.52)	-	-
EXETER AIRPORT	21-9		32	20.1	11.0	15.5	-0.5	23.1	21	7.0	11,24	-	-	15	23	6	1	10	5	0	0	0	0	1	0	0	0	0	0	5.75	101	-
EXMOUTH	9	9	59	19.8	12.0	15.9	0.0	22.8	27	9.1	11	-	-	14	21	5	1	7	4	0	0	0	0	0	-	-	-	-	0	7.03	113	-
HARTLAND POINT	21-9		93	16.6	13.1	14.9	-0.6	21.9	19	11.1	11	-	-	38	46	7	19	12	8	0	0	0	0	0	0	0 (1	1	0)	0	6.26	103	-
ILFRACOMBE	9	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKEHAMPTON	9	9	372	16.4	10.2	13.3	-	21.5	19	7.6	31	-	-	32	-	5	15	15	9	0	0	0	0	3	0	0	-	-	0	-	-	-
PLYMOUTH																																
MOUNT BATTEN	21-9		27	18.8	12.0	15.4	-0.5	21.9	19	8.5	11	-	-	25	29	8	7	12	5	0	0	0	0	1	0	0	0	0	0	7.10	115	-
THE HOE	9	9	36	18.8	12.4	15.6	-0.7	21.4	27	9.2	31	17.1	16.0	27	33	13	7	9	6	0	0	0	0	0	0	0	0	-	0	7.06	116	-
PRAWLE POINT	21-9		59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	0	0	0	2	-	-	-	0	8.25	-	-
PRINCETOWN	9	9	414	16.3	10.0	13.1	-	20.4	19	7.0	31	-	-	80	-	24	15	16	11	0	0	0	0	4	0	0	-	-	0	-	-	-
SIDMOUTH	9	9	10	19.4	12.1	15.7	-0.3	21.3	20	9.1	31	-	-	15	22	5	1	10	5	0	0	0	0	0	0	-	-	-	0	-	-	-
SLAPTON	9	9	32	19.8	11.9	15.9	-	21.9	19	8.4	11	-	-	26	30	16	7	10	4	0	0	0	0	0	0	0	-	-	0	-	-	-
STARCROSS	9	9	9	19.6	10.9	15.3	-0.8	22.6	21	7.4	11	16.8	-	10	15	4	1	6	4	0	0	0	0	0	0	0	0	-	0	6.76	100	-
TEIGNMOUTH	9	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TORBAY(TORQUAY)	9	9	8	19.8	12.2	16.0	-0.5	23.0	22	9.6	11	-	17.3	16	22	5	11	9	5	0	0	0	0	0	0	0	0	-	0	7.93	121	-
CORNWALL																																
BASTREET	9	9	236	17.6	9.6	13.6	-	20.8	24,26	2.6	11	-	-	56	37	8	4	14	10	0	0	0	0	0	0	0	0	-	0	6.40	-	-
BUDE	9	9	15	18.0	11.7	14.9	-0.8	22.5	19	6.5	24	17.4	-	29	37	5	11	12	10	0	0	0	0	2	0	-	-	-	0	6.22	107	-
CULDROSE	9	9	81	18.0	11.8	14.9	-	20.9	19	8.1	11	-	-	35	49	11	11	12	4	0	0	0	0	1	0	0	0	-	0	6.92	-	-
FALMOUTH	9	9	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOWEY	9	9	75	18.4	11.6	15.0	-1.2	21.2	13	7.5	11	-	-	29	-	12	11	10	7	0	0	0	0	1	0	-	-	-	0	-	-	-
GULVAL	9	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GWENNAP HEAD	21-9		66	17.5	12.7	15.1	-	20.6	12	10.2	11	-	-	19	-	8	11	8	3	0	0	0	0	1	0	0	0	C	-	-	-	-
LIZARD	9	9	73	18.3	12.2	15.3	-0.4	21.0	28	9.3	31	-	-	23	35	11	19	5	5	0	0	0	0	2	0	-	-	-	0	8.43	127	-
NEWQUAY	9	9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENZANCE	9	9	19	19.0	12.1	15.5	-0.7	20.6	21,23,24	7.2	11	-	-	30	36	9	19	11	6	0	0	0	0	0	0	-	-	-	0	7.57	118	-
ROSEMARNE	9	9	76	18.5	11.8	15.1	-	23.0	19	8.8	11	17.3	16.2	22	28	6	19	11	5	0	0	0	0	1	0	0	-	-	0	6.47	-	-
ST AUSTELL(BETHEL)	9	9	55	18.3	12.1	15.2	-	20.2	26	9.4	10	-	-	22	-	7	11	12	5	0	0	0	0	0	0	0	0	-	0	6.77	-	-
ST JOHNS	9	9	128	18.6	10.5	14.5	-	22.0	21	6.1	25	-	-	37	35	6	11	12	9	-	-	-	-	-	-	0	-	-	0	6.25	-	-
ST MAWGAN	21-9		103	18.0	12.3	15.1	-	21.2	19	9.4	10	-	-	39	47	7	19	14	9	0	0	0	0	2	0	0	0	0	0	7.12	-	-
SCILLY(ST MARYS)	21-9		51	18.3	13.2	15.7	-0.6	20.8	28	11.2	10	-	-	34	48	12	11	11	4	0	0	0	0	0	0	0	0 (1	0)	0	7.44	114	-
CHANNEL ISLANDS																																
ALDERNEY	9	9	88	17.8	12.4	15.1	-	23.0	19	10.2	27	16.9	-	87	-	83	1	5	3	0	0	0	0	0	0	0	0	-	0	8.47	-	-
GUERNSEY AIRPORT	21-9		104	17.9	12.7	15.3	-0.8	23.0	19	10.8	21	16.6	15.9	17	25	8	1	8	4	0	0	0	0	0	0	0	0	0	0	8.86	122	-
L'ANCRESSE	9	9	5	19.2	13.0	16.1	-	24.3	19	9.0	11,18	-	-	18	30	8	1	9	4	0	-	0	0	0	-	0	-	-	0	9.40	-	-
JERSEY AIRPORT	9	9	83	18.8	12.8	15.8	-	24.9	19	9.9	11	16.8	15.8	13	19	6	1	6	4	0	0	0	0	0	0	0	0	0	0	8.67	-	-
GOREY CASTLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.00	-	-
ST HELIER	9	9	54	20.1	13.2	16.7	-1.0	26.1	19	10.9	11,27	-	-	15	21	6	1	5	5	0	-	0	0	0	0	0	0	-	0	9.25	125	-

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT REGION/COUNTY AND PLACE	MAX. TERMINAL HIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C: MEANS OF MAX. (A)	MEANS OF MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM: MAX.	HIGHEST MAXIMUM: DATE	LOWEST MINIMUM: MIN.	LOWEST MINIMUM: DATE	MEAN EARTH TEMPERATURE: 30 CM DEGREES C	MEAN EARTH TEMPERATURE: 100 CM DEGREES C	RAINFALL (TERMINAL H 09 GMT): TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY: AMOUNT (MM)	MOST IN A DAY: DATE	WEATHER (NUMBER OF DAYS): PRECIPITATION 0.2 MM OR MORE	PRECIPITATION 1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS,ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	BRIGHT SUNSHINE: DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
NORTHERN IRELAND																															
LONDONDERRY																															
ROWANLOO	9 9	18	16.9	11.4	14.1	-	20.2	10	7.5	26	-	-	58	-	17	21	13	10	0	0	0	0	0	2	0	0	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9 9	216	16.1	10.0	13.1	-	19.5	14	7.0	20	-	-	84	-	18	5	26	18	0	0	0	0	0	0	0	0	-	-	3	2.85	-	-
CARMONEY	9 9	73	16.6	10.8	13.7	-	20.0	10.11	7.5	26	-	-	75	-	27	21	19	12	-	-	-	-	-	1	0	0	-	-	-	2.86	-	-
COLERAINE UNIVERSITY ...	9 9	23	16.2	11.1	13.7	-	19.8	11	8.9	13	14.6	13.0	65	-	18	21	21	12	0	0	0	0	0	0	0	0	-	-	0	2.97	60	-
COOLKEERAGH	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERRYNOYD FOREST ...	9 9	88	17.9	10.8	14.3	-	20.8	5	7.9	30	-	-	65	61	11	21	16	12	0	0	0	0	0	-	0	0	-	-	-	-	-	-
GARVAGH FOREST	9 9	88	16.7	10.2	13.5	-	19.0	12.14	5.7	20	-	-	80	74	14	5	23	15	0	0	0	0	0	0	0	0	-	-	-	-	-	-
LOUGHERMORE FOREST ...	9 9	174	16.1	10.0	13.1	-	19.8	10	4.3	13	-	-	90	89	20	21	27	18	0	0	0	0	1	0	0	0	-	-	0	-	-	-
MONEYDIG	9 9	34	17.1	10.4	13.7	-0.3	19.5	12	5.1	13	16.0	-	67	72	14	21	20	14	0	0	0	0	0	0	0	0	0	0	0	-	-	-
TRAAD POINT	9 9	16	17.2	10.8	14.0	-	20.0	2	6.1	11	-	-	70	-	12	5	19	11	0	-	0	0	0	-	0	0	-	-	-	-	-	-
ANTRIM																															
ALDERGROVE AIRPORT ...	21-9	68	17.1	11.0	14.1	-0.2	19.6	5	7.2	17	15.2	13.3	89	99	16	3	18	13	0	0	0	0	0	1	0	0	0	0	0	2.75	62	-
ALTNAHINCH	9 9	213	14.9	9.9	12.4	-	17.8	17	7.0	13	-	-	138	93	21	21	25	21	0	0	0	0	0	2	0	0	0	0	0	2.50	-	-
BALLYLUMFORD	9 9	24	16.8	11.6	14.2	-	19.8	21	9.0	13	-	-	53	-	10	18	15	12	-	-	-	-	-	-	-	0	-	-	-	-	-	-
BALLYPATRICK FOREST ...	9 9	152	14.9	10.1	12.5	-	17.9	20	7.7	5	-	-	89	70	22	21	23	15	0	-	0	0	0	4	0	0	-	-	0	2.97	-	-
CARNLOUGH	9 9	12	17.8	10.4	14.1	-	19.8	26	7.0	13.27	-	-	45	-	6	5	13	12	0	-	0	0	0	1	0	0	-	-	-	-	-	-
DIVIS MOUNTAIN	9 9	363	14.6	8.5	11.5	-	17.3	12.21.26	6.0	17	-	-	148	-	26	13	19	18	0	-	0	0	0	0	0	0	-	-	-	-	-	-
GREENMOUNT	9 9	38	17.2	11.4	14.3	-	19.9	21	8.3	13	16.1	-	75	89	15	13	16	12	0	0	0	0	1	-	0	0	-	-	-	-	-	-
HYDE PARK (MALLUSK) ...	9 9	140	16.7	10.6	13.7	-	19.5	26	7.8	13.26	-	-	100	-	15	5	23	15	0	-	0	0	0	0	0	0	-	-	-	-	-	-
KILROOT POWER STATION	9 9	12	16.9	11.2	14.1	-	19.0	21	7.0	26	-	-	72	-	12	13	18	14	0	0	0	0	0	0	0	0	-	-	-	-	-	-
LISNAFILLAN	9 9	38	16.9	10.4	13.7	-	19.5	2	5.4	11	-	-	81	83	16	15	18	11	0	0	0	0	0	0	0	0	-	-	-	2.99	-	-
LOWTOWN	9 9	271	15.1	9.6	12.3	-	17.6	26	6.0	26	12.9	-	117	82	23	5	23	17	0	0	0	0	0	3	0	0	-	-	0	2.28	-	-
PARKMORE FOREST ...	9 9	235	15.3	9.8	12.5	-	17.4	10	6.5	13	13.8	-	114	70	21	15	23	17	0	0	0	0	0	0	0	0	-	-	0	-	-	-
WOODBURN NORTH	9 9	217	15.9	10.1	13.0	-	18.0	21.26	6.5	26	-	-	97	81	12	11	19	17	0	0	0	0	1	5	0	0	-	-	-	-	-	-
BELFAST																															
ANDERSONSTOWN	9 9	64	17.9	11.3	14.6	-	21.0	26	7.9	11	-	-	112	-	22	13	17	13	0	-	0	0	0	0	0	0	-	-	-	-	-	-
MALONE	9 9	35	18.1	10.9	14.5	-	20.6	2	7.4	11	15.3	-	91	-	18	13	16	12	-	-	-	-	-	-	0	0	-	-	-	3.08	-	-
MILLTOWN	9 9	37	18.3	11.2	14.7	-	23.1	26	6.9	26	-	-	80	-	16	13	15	13	0	0	0	0	0	0	0	0	-	-	-	-	-	-
NEWTOWNABBEY	9 9	32	17.6	12.1	14.9	-	20.5	21	9.1	30	16.0	-	99	103	28	5	15	13	0	0	0	0	1	0	0	0	0	0	0	2.90	-	5
ROSEBANK	9 9	47	18.0	11.0	14.5	-	21.0	26	7.6	26	-	-	76	-	14	13	13	12	0	0	0	0	0	-	0	0	-	-	-	-	-	-
ROSETTA	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STORMONT CASTLE ...	9 9	56	17.1	11.4	14.3	-	20.4	26	8.0	26	15.7	14.4	76	85	17	3	16	13	0	-	0	0	0	0	0	0	-	-	-	2.83	-	-
DOWN																															
BANGOR SEACOURT ...	9 9	15	17.0	11.8	14.4	-	20.4	21	9.9	17	16.3	14.9	98	-	28	3	16	12	0	0	0	0	1	2	0	0	0	0	0	3.50	-	-
BALLYWALTER PARK ...	- -	11	-	-	-	-	-	-	-	-	-	-	59	67	13	3	15	9	-	-	-	-	-	-	-	-	-	-	-	4.07	-	-
BALLYWATTICOCK	9 9	6	17.3	11.4	14.3	-	19.6	21	6.4	26	15.1	14.1	70	90	14	11	14	10	0	0	0	0	2	0	0	0	0	0	0	3.49	-	-
DOWNPATRICK	9 9	26	18.3	11.6	14.9	-	21.3	12	8.3	26	-	-	48	-	7	11	13	11	-	-	-	-	-	0	0	0	-	-	-	-	-	-
HELENS BAY	9 9	43	17.5	11.5	14.5	-	20.2	21	8.9	26	-	-	87	104	27	3	15	13	0	0	0	0	0	0	0	0	-	-	0	3.29	-	-
HILLSBOROUGH	9 9	116	16.5	11.1	13.8	-0.1	19.4	21	8.5	26	14.7	-	84	87	20	5	17	12	0	0	0	0	0	0	0	0	-	-	0	3.46	79	-
MAGHERALLY	9 9	97	17.1	10.1	13.6	-	20.1	10	5.3	20	-	-	68	-	9	14	18	15	-	-	-	-	1	-	0	0	-	-	-	-	-	-
MURLOUGH	9 9	9	17.5	10.9	14.2	-	21.2	21	7.8	30	14.9	13.3	58	-	15	18	14	11	0	0	0	0	0	0	0	0	-	-	0	3.72	-	-
NEWRY	9 9	1	17.8	11.8	14.8	-	21.3	21	7.5	13	-	-	47	-	8	18	16	9	-	0	-	-	-	0	0	0	-	-	-	-	-	-
SILENT VALLEY	9 9	129	16.2	11.2	13.7	-	19.2	21	7.0	11	-	-	117	-	27	18	16	12	0	-	0	0	0	1	0	0	-	-	-	4.34	-	-
ARMAGH																															
ARMAGH	9 9	62	17.8	11.0	14.4	-0.3	21.2	26	6.1	26	16.6	15.5	51	59	9	15	16	11	0	0	0	0	1	0	0	0	-	-	0	2.35	55	-
LOUGHGALL	9 9	25	17.7	10.9	14.3	-	20.4	21	5.0	26	-	-	47	59	9	11	16	11	0	0	0	0	0	0	0	1	-	-	0	2.98	-	-
LURGAN	9 9	55	17.7	11.4	14.5	-	20.5	12	8.0	11.13	15.4	14.1	76	94	13	15	16	13	0	-	0	0	0	0	0	0	-	-	-	3.10	-	-
TANDRAGEE	9 9	43	18.3	10.4	14.3	-	21.5	26	6.0	17	-	-	57	-	11	5	13	10	0	-	0	0	1	-	0	-	-	-	-	-	-	-
TYRONE																															
ALTAVEEDAN	9 9	175	16.6	9.6	13.1	-	19.9	26	4.2	27	-	-	68	-	15	5	19	11	-	-	-	-	-	-	0	-	-	-	-	-	-	-
CARRIGANS	21-9	113	17.4	10.7	14.1	-	21.1	26	6.8	13	-	-	94	89	21	13	22	12	0	0	0	0	0	0	0	0	0	0	0	2.82	-	-
COOKSTOWN	9 9	77	17.3	10.6	13.9	-	20.2	26	5.7	26	15.1	-	71	75	18	13	12	11	0	0	0	0	0	0	-	-	-	-	-	2.78	-	-
LOUGH BRADAN	9 9	169	16.6	8.9	12.7	-	19.4	26	5.5	13	-	-	113	86	21	21	18	14	-	0	-	-	-	0	0	3	-	-	-	3.30	-	-
POMEROY FOREST	9 9	174	16.7	10.3	13.5	-	19.7	26	7.0	26	15.6	-	112	112	26	5	20	11	0	-	0	0	0	-	0	0	-	-	-	-	-	-
STRABANE CONVENT ...	9 9	44	17.5	11.0	14.3	-	21.3	10	5.5	26	-	-	73	81	17	21	18	11	0	0	0	0	0	0	0	0	-	-	0	3.11	-	-
TIEVENNY	9 9	41	17.4	10.7	14.1	-	20.0	19.26	5.5	26	-	-	72	-	18	21	16	12	-	-	-	-	-	-	0	0	0	0	-	-	-	-
FERMANAGH																															
CASTLE ARCHDALE FOREST	9 9	66	17.2	10.4	13.8	-0.1	20.6	26	6.8	13	15.2	14.1	94	87	20	13	20	11	0	0	0	0	0	0	0	0	0	-	0	2.96	65	-
CORGARY	9 9	156	16.5	10.6	13.5	-	20.2	26	8.2	10.27	-	-	74	-	15	21	16	12	0	0	0	0	0	1	0	0	0	0	-	-	-	-
KNOCKAREVAN	9 9	53	17.0	10.6	13.8	-	21.3	10	5.5	26	-	-	70	-	13	21	16	11	-	0	-	-	-	0	0	0	0	0	-	-	-	-
LISNASKER	9 9	49	18.2	10.0	14.1	-	21.2	27	5.5	26	-	-	78	86	11	13	14	11	0	-	0	0	1	0	0	0	0	0	-	-	-	-
LOUGH NAVAR FOREST ...	9 9	148	17.4	9.6	13.5	-	22.7	26	4.0	26	-	-	96	68	30	13	19	14	0	0	0	0	0	2	0	1	-	-	-	-	-	-

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE AT MSL (MB)	MEAN PRESSURE DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																	
0 SCOTLAND N SHETLAND																																										
FAIR ISLE	61	9	1015.2	-	11.1	0.7	12.1	91	6.4	0	3	3	17	5	3	0	3	0	1	4	1	4	7	3	8	0	3	16	7	5	6	3	3	1	3	2	4	4
		15	1015.1	-	11.7	0.8	12.4	90	6.5	0	3	4	12	8	4	0	1	2	4	6	1	3	6	4	4	0	4	19	6	2	7	3	2	3	6	0	6	2
		21	1015.3	-	10.5	0.6	11.8	92	7.1	0	1	2	13	10	5	0	5	0	0	7	1	2	7	5	4	0	5	11	10	5	6	4	1	3	2	1	4	5
LERWICK	83	3	1014.7	-	10.0	0.5	11.6	94	7.5	0	0	1	9	17	4	0	2	1	1	0	1	4	6	13	3	0	0	14	15	2	7	3	0	1	7	2	4	5
		9	1014.9	+ 4.5	11.2	0.9	12.0	90	6.9	0	0	5	14	10	2	0	2	1	0	1	2	4	2	11	8	0	2	14	15	0	5	5	0	3	3	4	5	4
		15	1014.9	-	11.8	1.3	12.0	86	6.5	0	2	5	15	5	4	0	1	3	2	0	1	4	1	11	8	0	2	14	15	0	5	4	0	3	7	1	5	6
		21	1015.1	-	10.1	0.6	11.5	92	7.2	0	0	2	14	11	4	0	4	0	2	0	2	4	6	9	4	0	0	13	16	2	5	4	0	1	5	3	4	7
ORKNEY																																										
KIRKWALL	26	3	1015.5	-	10.3	0.4	12.0	95	6.7	0	2	4	10	12	3	0	2	0	2	0	2	2	6	12	5	0	1	12	16	2	6	1	0	4	4	3	8	3
		9	1015.7	+ 5.1	12.5	1.0	12.7	88	6.4	0	3	4	13	9	2	0	1	0	1	0	0	7	4	9	9	0	2	18	10	1	6	2	2	3	3	6	4	4
		15	1015.7	-	13.2	1.4	12.8	84	6.8	0	2	2	16	11	3	0	0	0	0	0	1	7	5	8	10	0	1	15	15	0	5	4	2	3	6	0	5	4
		21	1015.8	-	10.9	0.5	12.2	93	6.8	0	1	3	14	10	3	0	0	2	2	1	1	4	2	11	8	0	0	10	19	2	4	1	2	3	6	3	5	5
WESTERN ISLES																																										
BENBECULA	7	3	1015.9	-	12.0	0.5	13.1	94	6.4	0	5	2	8	16	0	0	0	0	0	0	2	6	5	9	9	0	0	10	19	2	6	2	1	3	5	3	6	3
		9	1016.1	+ 5.5	13.1	1.0	13.3	88	6.8	0	0	4	20	7	0	0	0	0	0	0	2	1	3	17	8	0	0	11	19	0	4	3	0	2	5	5	5	6
		15	1016.2	-	14.3	1.8	13.2	81	6.4	0	2	5	16	8	0	0	0	0	0	1	0	2	3	12	13	0	2	17	12	0	4	2	1	2	5	3	9	5
		21	1016.2	-	12.4	0.6	13.3	92	6.5	0	1	7	15	8	0	0	0	0	0	0	1	3	6	10	11	0	0	16	14	1	5	2	1	4	5	3	8	2
STORNOWAY	5	3	1015.9	-	11.1	0.3	12.8	96	6.6	1	2	2	11	15	0	0	0	0	1	0	1	6	6	12	5	0	0	6	23	2	7	3	0	1	5	3	6	2
		9	1016.0	+ 5.3	12.6	0.8	13.3	91	6.9	0	2	2	14	13	0	0	0	0	0	2	3	5	6	9	6	0	1	8	22	0	5	5	0	1	7	3	5	5
		15	1016.1	-	13.7	1.3	13.3	85	7.0	0	1	1	17	12	0	0	0	0	0	0	0	5	4	16	6	0	0	16	15	0	4	4	0	2	11	1	5	4
		21	1016.1	-	11.8	0.5	13.1	94	6.7	0	2	4	10	15	0	0	0	0	1	0	1	6	3	16	4	0	2	6	23	0	4	4	1	0	9	3	5	5
HIGHLAND																																										
CAPE WRATH	113	3	1015.5	-	11.3	0.6	12.3	92	6.9	0	0	7	2	18	4	0	4	0	0	0	1	1	1	20	4	0	1	12	18	0	0	4	5	3	4	4	5	6
		9	1015.7	-	11.7	0.6	12.8	93	6.9	0	0	6	7	10	8	1	5	1	1	0	1	0	3	15	5	0	0	10	21	0	3	4	4	2	1	8	5	4
		15	1015.8	-	12.1	0.7	12.9	91	6.9	0	0	5	10	9	7	1	6	0	0	0	1	0	3	15	5	0	2	11	18	0	2	3	4	2	1	7	9	3
		21	1015.9	-	11 5	0.6	12.6	93	7.3	0	0	4	6	15	6	0	5	1	0	0	0	1	1	19	4	0	1	13	16	1	2	2	6	1	3	5	7	4
DALCROSS	12	9	1016.3	-	13.4	1.2	13.3	87	6.6	0	1	5	14	11	0	0	0	0	0	0	3	5	4	9	10	0	0	6	22	3	2	3	1	0	2	9	7	4
		15	1015.8	-	15.5	2.1	13.8	79	7.0	0	0	3	19	9	0	0	0	0	0	1	2	1	4	13	10	0	0	11	19	1	9	6	0	0	2	4	8	1
WICK	37	3	1015.3	-	10.6	0.4	12.1	94	6.9	0	2	2	13	11	3	0	3	0	0	1	2	5	3	11	6	0	0	4	27	0	7	0	1	3	4	2	8	6
		9	1015.4	+ 4.6	12.4	1.2	12.5	86	6.5	0	2	3	17	7	2	0	0	2	0	0	1	2	7	9	10	0	0	11	20	0	6	1	2	3	5	2	4	6
		15	1015.4	-	13.3	1.6	12.5	82	6.7	0	1	4	18	7	1	0	1	0	0	2	2	5	9	11	0	0	1	14	16	0	4	1	3	5	8	0	4	6
		21	1015.6	-	11.3	0.8	12.0	90	6.8	0	2	1	18	8	2	0	0	2	0	3	1	3	2	12	8	0	0	5	25	1	6	3	1	5	4	2	3	6
1 SCOTLAND E GRAMPIAN																																										
DYCE	59	3	1015.6	-	11.1	0.7	12.1	91	6.8	1	1	2	13	13	1	0	0	0	0	4	0	3	6	2	11	5	0	0	4	20	7	1	0	0	1	4	1	6	11
		9	1015.8	+ 4.4	13.5	1.5	12.9	83	6.5	0	4	2	13	12	0	0	0	0	0	0	2	5	1	6	9	10	0	0	8	23	0	6	1	2	2	6	2	6	6
		15	1015.4	-	15.7	2.4	13.5	76	6.4	0	4	1	15	11	0	0	0	0	0	0	2	3	2	6	13	0	0	0	9	22	0	5	1	2	8	6	0	2	7
		21	1015.8	-	12.3	1.0	12.6	88	6.8	0	2	2	13	13	1	0	0	0	0	2	1	3	3	4	11	7	0	0	6	23	2	3	0	2	5	2	1	5	11
FRASERBURGH	22	3	1015.4	-	11.8	0.7	12.7	92	6.7	0	2	4	9	12	4	0	0	0	0	4	1	0	3	10	16	0	0	3	9	18	1	4	2	0	4	4	4	6	6
		9	1015.6	+ 4.3	12.8	0.9	13.3	90	6.8	0	1	4	11	14	1	0	0	0	0	1	0	1	3	10	16	0	0	2	12	16	1	4	1	2	2	6	0	8	7
		15	1015.5	-	14.1	1.4	13.7	85	6.3	0	3	8	6	12	2	0	0	0	0	2	0	0	1	14	14	0	0	1	14	16	0	2	1	6	4	3	0	6	9
		21	1015.6	-	12.3	0.8	12.9	90	6.5	0	2	5	11	11	2	0	0	0	0	2	0	0	2	14	13	0	0	4	9	17	1	4	0	0	4	7	0	5	10
KINLOSS	6	3	1016.1	-	11.8	1.0	12.2	88	6.7	0	2	4	12	13	0	0	0	0	0	0	0	4	4	4	9	10	0	0	5	24	2	4	4	0	2	3	12	2	2
		9	1016.2	+ 5.1	13.6	1.5	13.0	83	6.8	0	2	2	14	13	0	0	0	0	0	0	0	3	5	3	7	13	0	0	9	22	0	4	3	3	0	4	7	7	3
		15	1015.9	-	15.5	2.2	13.5	77	6.9	0	1	2	20	8	0	0	0	0	0	0	1	0	4	5	7	14	0	0	11	20	0	10	3	3	1	0	1	6	5	5
		21	1016.3	-	13.1	1.3	12.8	85	6.8	0	2	1	14	14	0	0	0	0	0	0	0	7	4	0	9	11	0	0	9	21	1	1	3	3	1	4	8	6	4
LOSSIEMOUTH	6	3	1015.9	-	11.4	0.7	12.3	91	6.6	0	2	3	14	12	0	0	0	0	0	2	2	2	6	11	8	0	0	7	22	2	7	0	2	1	5	5	6	3
		9	1016.0	-	13.5	1.5	12.9	83	6.9	0	2	2	14	13	0	0	0	0	0	1	0	3	4	4	6	13	0	0	10	20	1	7	1	3	2	2	6	6	3
		15	1015.7	-	14.9	1.9	13.4	79	6.8	0	3	0	19	8	1	0	0	0	0	1	0	0	6	4	7	13	0	0	13	18	0	4	6	6	0	1	3	7	4
		21	1016.1	-	12.8	1.2	12.8	86	6.8	0	2	1	16	12	0	0	0	0	0	0	0	5	3	2	10	11	0	0	9	20	2	3	1	3	2	2	6	9	3
TAYSIDE																																										
USAN	35	9	1016.5	-	13.5	1.3	13.2	86	6.2	0	5	2	11	12	1	0	0	0	0	1	2	1	3	2	2	20	0	0	9	17	5	6	1	0	0	7	0	9	3
		15	1016.0	-	15.0	1.6	14.3	84	6.2	0	4	3	15	7	2	0	0	0	1	1	0	1	3	3	3	19	0	0	10	16	5	4	2	4	0	1	11	1	2	1
		21	1016.4	-	13.0	1.0	13.4	89	6.4	0	2	7	9	12	1	0	0	0	1	0	0	0	4	1	5	20	0	0	6	15	10	7	0	2	0	4	3	3	2
FIFE																																										
LEUCHARS	12	3	1016.1	-	11.9	0.8	12.6	90	6.7	1	1	2	13	14	0	0	0	0	0	1	0	1	0	6	6	10	8	0	0	1	27	3	1	3	2	2	0	8	12	0
		9	1016.4	+ 4.9	14.4	1.9	13.1	80	6.0	0	4	4	14	9	0	0	0	0	0	1	0	1	1	5	11	9	0	0	0	8	21	2	1	2	6	0	1	7	9	3
		15	1015.7	-	16.8	3.1	13.2	70	6.5	0	1	8	16	6	0	0	0	0	0	0	1	5	5	8	12	0	0	0	15	16	0	1	2	7	3	3	6	9	0
		21	1016.4	-	13.1	1.2	13.0	86	6.9	0	1	2	18	9	1	0	0	0	1	0	0	0	6	8	6	10	0	0	0	4	23	4	2	4	4	1	1	7	8	0
LOTHIAN																																										
TURNHOUSE	44	3	1016.7	-	11.6	0.7	12.6	92	6.5	1	3	2	11	14	0	0	0	0	0	1	0	2	4	9	15	0	0	0	3	23	5	0	2	4	0	2	9	9	0
		9	1016.9	+ 5.0	14.2	1.6	13.4	83	6.5	0	2	3	18	8	0	0	0	0	0	0	2	2	5	8	9	7	0	0	0	8	20	3	3	3	2	0	1	6	13	0
		15	1016.2	-	16.7	2.9	13.6	72	6.7	0	1	6	13	11	0	0	0	0	0	1	0	0	4	7	8	11	0	0	0	11	19	1	0	0	5	4	0	9	9	3
		21	1016.8	-	13.4	1.1	13.5	88	7.0	0	0	3	16	12	0	0	0	0	0	0	1	1	9	4	8	8	0	0	0	3	24	4	0	7	4	1	0	7	8	0
6 SCOTLAND W STRATHCLYDE																																										
ABBOTSINCH	9	3	1016.5	-	11.9	0.6	13.0	93	6.1	0	7	1	8	15	0	0	0	0	0	1	0	7	12	11	0	0	0	2	24	5	1	2	5	1	0	8	8	1
		9	1016.7	+ 4.8	14.1	1.3	13.8	85	7.0	0	1	1	18	11	0	0	0	0	0	0	1	0	10	5	11	5	0	0	0	2	28	1	1	3	3	0	3	7	10	3
		15	1016.2	-	16.5	2.5	14.1	75	6.7	0	1	3	18	9	0	0	0	0	0	0	1	3	6	9	12	0	0	0	8	22	1	0	3	2	0	3	9	8	5
		21	1016.7	-	13.5	1.0	13.7	88	6.4	0	2	4	15	10	0	0	0	0	0	0	0	1	0	3	13	5	0	0	0	1	29	1	0	3	2	1	1	10	11	3
GLASGOW	17	3	1016.4	-	-	-	-	-	6.5	1	2	2	12	14	0	0	0	0	0	0	1	6	10	14	0	0	0	0	27	4	0	4	3	3	4	8	5	0
WEATHER CENTRE	(X)	9	1016.7	-	14.0	1.8	12.9	80	7.1	0	1	1	18	11	0	0	0	0	0	0	1	0	5	11	6	9	0	0	0	0	31	0	4	3	1	3	5	10	6	2
		15	1016.1	-	16.5	3.1	13.0	70	6.7	0	1	3	18	9	0	0	0	0	0	0	0	2	12	5	12	0	0	0	2	29	0	2	1	3	8	6	9	1	0
		21	1016.7	-	14.4	1.9	13.1	79	6.4	0	1	5	19	6	0	0	0	0	0	0	0	5	8	12	6	0	0	0	0	31	0	0	1	2	3	6	9	10	0
ARDRISHAISH	14	3	1016.5	-	12.1	0.4	13.4	95	7.0	0	2	1	10	17	1	0	0	0	0	1	1	1	5	11	12	0	0	1	12	17	1	2	2	0	3	5	3	1	9	7
		9	1016.8	-	13.5	0.9	14.0	90	6.8	0	0	4	19	8	0	0	0	0	0	0	0	3	6	7	12	3	0	1	11	19	0	2	0	1	2	5	3	0	9	11
		15	1016.6	-	14.5	1.4	14.0	85	6.6	0	2	4	13	12	0	0	0	0	0	0	1	2	2	5	14	7	0	3	15	13	0	2	0	2	6	0	1	8	8
		21	1017.0	-	12.6	0.6	13.6	93	6.3	0	2	6	14	9	0	0	0	0	0	0	1	1	4	6	15	4	0	1	10	17	3	1	0	2	5	0	1	11	8
PRESTWICK	21	3	1016.8	-	11.8	0.4	13.3	95	6.5	1	2	2	14	12	0	0	0	0	0	0	1	0	1	5	9	14	1	0	0	5	21	5	1	2	3	1	5	5	4	6
		9	1017.1	+ 5.2	14.1	1.2	13.9	86	6.8	0	1	3	16	11	0	0	0	0	0	0	1	4	8	12	6	0	0	0	6	23	2	1	2	3	1	5	3	8	6
		15	1016.7	-	15.9	2.2	13.9	77	6.8	0	1	3	16	11	0	0	0	0	0	0	0	1	1	7	11	0	0	0	13	18	0	0	2	2	0	5	1	12	10
		21	1017.0	-	13.3	0.9	13.7	89	6.2	0	5	1	15	10	0	0	0	0	0	0	0	1	8	4	13	5	0	0	10	18	3	0	2	2	0	4	4	6	10
RHUVAAL	19	3	1017.0	-	12.3	0.6	13.4	93	6.1	0	4	6	3	18	0	0	0	0	0	0	0	0	1	6	10	14	0	1	6	22	2	1	1	0	0	9	1	10	7
		9	1017.1	-	13.2	0.7	13.9	91	6.9	0	1	4	12	13	1	1	0	0	0	0	0	0	0	7	12	11	0	1	9	20	2	3	0	0	0	2	0	7	10
		15	1017.3	-	14.1	1.2	13.9	87	6.7	0	1	5	12	13	0	0	0	0	0	0	0	0	1	2	6	14	0	1	9	17	4	1	0	0	0	2	1	7	12
		21	1017.4	-	12.9	0.8	13.5	91	6.1	0	2	8	10	11	0	0	0	0	0	0	0	0	0	2	5	8	16	0	1	11	18	1	4	0	0	0	7	1	10	8

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE AT MSL (MB)	MEAN PRESSURE DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY DRY BULB (DEGREES C)	DEPRESSION OF WET BULB (DEGREES C)	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY NUMBER OF OBSERVATIONS 0 - 39 M	40 - 190 M	200 - 390 M	400 - 990 M	1000 - 1900 M	2000 - 3900 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
6 SCOTLAND W -CONTD.																																										
STRATHCLYDE -CONTD.																																										
BLOY	-	9	-	-	14.0	1.7	13.1	82	6.6	0	3	1	13	14	0	0	0	0	0	0	0	0	7	24	0	0	0	0	22	9	0	0	0	0	4	7	2	9
		15	-	-	16.3	2.7	13.5	73	6.8	0	2	1	14	14	0	0	0	0	0	0	0	0	7	24	0	0	0	0	27	4	0	2	0	0	10	4	6	2
		21	-	-	13.5	1.4	13.1	85	6.5	0	2	4	12	13	0	0	0	0	0	0	0	0	6	25	0	0	0	0	23	8	1	0	0	0	2	3	9	8
TIREE	10	3	1016.2	-	12.2	0.4	13.5	95	6.6	0	2	5	8	16	0	0	0	0	1	0	1	4	4	17	4	0	0	0	16	15	0	6	1	0	4	4	8	4
		9	1016.5	+ 5.3	13.3	0.7	14.1	92	6.9	0	1	1	20	9	0	0	0	0	0	0	2	4	5	13	7	0	1	15	15	0	7	1	1	3	4	2	10	3
		15	1016.6	-	14.7	1.4	14.2	85	6.3	0	1	7	15	8	0	0	0	0	0	0	1	4	6	9	12	0	1	15	15	0	5	0	0	4	5	3	7	7
		21	1016.7	-	12.7	0.6	13.7	93	6.6	0	3	1	18	9	0	0	0	0	0	1	0	0	5	6	11	8	0	1	16	12	2	8	0	1	4	3	4	6	3
DUMFRIES & GALLOWAY																																										
ESKDALEMUIR	237	3	-	-	10.0	0.4	11.8	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	2	15	14	4	0	0	1	6	2	3	1
		9	1017.1	+ 5.0	12.7	1.4	12.6	85	6.6	0	2	2	12	12	0	0	0	0	0	0	4	5	5	9	8	0	0	0	7	21	3	6	1	0	4	8	2	7	0
		15	1016.5	-	15.0	2.3	13.2	78	6.6	0	2	3	17	9	0	0	0	0	1	1	0	1	8	8	12	0	1	10	20	3	6	1	0	0	2	12	3	6	1
		21	1017.2	-	11.8	0.8	12.7	91	6.5	0	2	4	14	11	0	0	0	0	0	1	3	6	6	13	2	0	0	0	2	21	8	5	0	0	3	5	3	6	1
2 ENGLAND E & NE																																										
NORTHUMBERLAND																																										
BOULMER	27	3	1016.2	-	11.6	0.4	13.0	95	6.5	0	4	3	9	15	0	0	1	0	1	0	5	6	3	8	7	0	0	3	25	3	3	0	0	2	5	6	7	5
		9	1016.4	-	13.8	1.3	13.6	86	6.6	0	1	4	15	11	0	0	0	1	2	0	3	2	9	6	8	0	0	0	22	1	5	1	1	3	6	2	7	5
		15	1016.1	-	15.2	1.8	14.1	82	6.2	0	2	5	17	7	0	0	0	0	1	1	4	4	4	5	12	0	0	0	9	22	0	7	2	4	6	3	3	3	3
		21	1016.4	-	12.6	0.8	13.3	91	6.3	1	0	6	16	8	0	0	1	1	0	1	4	3	8	10	3	0	0	0	3	25	3	1	0	0	1	7	4	7	8
SEAHOUSES	12	3	1016.1	-	-	-	-	-	6.1	1	4	3	11	11	1	1	0	0	1	1	1	7	4	16	0	0	1	6	22	2	5	1	1	0	5	6	8	3
		9	1016.4	-	-	-	-	-	6.5	0	1	5	16	8	1	0	1	0	0	0	3	6	5	13	2	0	0	1	9	18	3	8	1	1	3	4	1	8	2
		15	1016.2	-	-	-	-	-	6.4	0	3	3	16	8	1	1	0	0	0	2	2	7	1	15	3	0	0	1	6	23	1	8	3	1	4	4	4	2
		21	1016.4	-	-	-	-	-	6.4	0	3	4	13	8	3	0	0	1	2	1	0	7	4	16	0	0	0	0	5	23	3	7	0	1	1	6	6	5	2
TYNE & WEAR																																										
NEWCASTLE WEATHER CENTRE	72 (X)	3	1016.9	-	12.4	1.0	12.7	88	6.0	1	5	3	7	14	1	0	1	0	0	1	2	5	6	12	4	0	0	0	1	29	1	6	1	1	0	5	4	11	2
		9	1017.2	-	14.1	1.9	12.8	80	6.4	0	4	4	10	13	0	0	0	0	0	0	2	6	10	7	6	0	0	0	4	27	0	6	2	0	1	4	4	9	5
		15	1016.7	-	16.5	3.2	12.8	69	6.4	0	3	3	17	8	0	0	0	0	0	1	3	1	7	11	8	0	0	0	6	25	0	4	4	3	3	3	3	9	2
		21	1017.1	-	13.9	1.6	13.0	82	5.6	0	6	5	10	10	0	0	0	0	1	0	2	7	9	7	5	0	0	0	3	25	3	5	4	0	2	4	5	8	0
TYNEMOUTH	40	3	1016.5	-	12.6	1.0	13.0	88	5.6	3	5	3	7	13	0	0	0	0	0	1	2	2	15	11	0	0	2	9	17	3	9	0	1	0	5	2	9	2
		9	1016.9	+ 4.4	14.0	1.5	13.4	84	6.5	1	0	5	14	11	0	0	0	0	0	0	1	1	16	8	0	0	0	2	11	17	1	8	1	0	0	5	4	10	2
		15	1016.4	-	15.2	2.1	13.4	79	6.4	0	2	5	14	9	1	0	0	0	1	1	1	2	2	12	12	0	0	0	3	12	14	2	9	1	2	1	9	0	6	1
		21	1016.8	-	13.7	1.5	13.1	83	6.1	0	1	10	9	9	2	0	0	0	1	1	0	0	3	18	8	0	0	0	0	8	19	4	7	0	0	0	7	3	9	1
NORTH YORKSHIRE																																										
LEEMING	33	3	1017.0	-	12.1	0.8	12.9	91	6.7	0	3	2	9	17	0	0	0	0	1	1	2	8	5	6	8	0	0	0	3	28	0	4	0	1	2	8	2	10	4
		9	1017.3	+ 4.4	14.5	1.6	13.6	82	6.5	0	4	1	15	11	0	0	0	0	0	0	2	9	7	5	8	0	0	0	7	24	0	9	0	0	1	8	3	6	4
		15	1016.8	-	17.2	3.1	13.7	70	6.2	0	3	5	13	10	0	0	0	0	0	1	0	1	9	10	10	0	0	0	10	21	0	7	2	0	2	6	3	8	3
		21	1017.2	-	14.0	1.4	13.5	84	6.0	0	5	4	14	8	0	0	0	0	0	1	0	2	6	10	2	10	0	0	0	1	29	1	5	1	0	2	7	2	7	6
WHITBY C.G.	66	3	1016.4	-	12.6	0.8	13.3	90	6.1	2	4	4	7	15	1	0	1	0	1	1	1	2	8	5	6	8	0	2	12	17	0	3	0	0	1	7	8	4	8
		9	1016.9	-	13.8	1.2	13.8	87	6.9	1	0	2	16	11	1	0	1	0	0	0	1	4	4	7	10	5	0	2	11	16	2	5	1	0	0	4	5	6	8
		15	1016.7	-	15.2	1.6	14.5	83	7.0	0	0	0	14	12	1	1	0	0	0	0	0	8	8	8	6	0	1	10	15	5	4	1	1	3	2	1	5	3	7
		21	1016.9	-	13.6	1.1	13.6	87	6.4	0	0	11	6	13	1	0	0	0	2	0	0	4	8	13	4	0	2	9	12	8	1	1	0	0	5	5	6	5
HUMBERSIDE																																										
SPURN POINT	20	3	1017.0	-	13.5	1.1	13.6	88	5.3	4	5	4	2	16	0	0	0	0	0	0	0	0	6	17	8	0	0	0	17	13	1	3	0	1	0	3	6	11	6
		9	1017.6	-	14.7	1.6	13.9	85	6.2	1	2	7	9	12	0	0	0	0	0	0	2	1	6	14	7	1	0	0	15	15	1	4	1	1	0	4	7	7	6
		15	1017.3	-	16.3	2.0	14.9	80	6.2	0	2	6	15	8	0	0	0	0	0	1	2	1	18	9	0	0	0	1	17	11	2	5	3	3	1	6	7	1
		21	1017.5	-	14.6	1.2	14.5	87	5.2	1	3	11	7	9	0	0	0	0	0	0	0	8	15	8	0	0	0	0	8	20	3	7	0	2	2	5	4	7	1
LINCOLNSHIRE																																										
BINBROOK	112	3	1017.3	-	11.6	0.6	12.7	92	5.5	5	3	2	6	15	0	0	0	0	1	3	4	12	1	10	0	0	0	5	25	1	1	1	1	0	3	10	8	6
		9	1017.7	-	14.2	1.4	13.7	85	6.4	1	3	1	16	10	0	0	0	0	1	0	0	1	9	9	10	1	0	0	12	19	0	6	1	1	0	3	9	5	6
		15	1017.2	-	16.5	2.3	14.1	77	6.5	0	1	5	19	6	0	0	0	0	0	1	3	13	12	2	0	0	0	9	22	0	3	4	1	0	4	6	10	3
		21	1017.6	-	13.2	1.0	13.5	88	5.9	0	5	5	14	6	1	0	1	0	0	2	4	3	10	11	0	0	0	0	5	26	0	5	3	1	2	3	7	8	2
WADDINGTON	70	3	1017.4	-	12.0	0.8	12.7	90	5.6	4	3	3	9	12	0	0	0	0	1	2	2	11	10	4	1	0	0	2	27	2	0	2	0	3	2	10	7	5
		9	1018.0	+ 4.4	14.9	1.7	13.8	82	6.2	1	3	3	16	8	0	0	0	0	0	0	2	5	10	13	1	0	0	0	6	25	0	0	1	1	1	3	8	7	10
		15	1017.2	-	17.6	3.5	13.3	67	6.2	0	2	5	15	9	0	0	0	0	0	0	2	2	3	20	4	0	0	0	9	22	0	3	2	0	1	4	5	11	5
		21	1017.8	-	14.1	1.4	13.6	84	5.6	1	2	10	13	5	0	0	0	0	0	0	3	3	10	14	1	0	0	0	2	29	0	3	1	1	3	3	6	8	4
3 EAST ANGLIA																																										
NORFOLK																																										
COLTISHALL	17	3	1017.2	-	12.4	0.7	13.4	92	5.2	2	6	5	10	8	0	0	0	0	0	2	1	6	9	7	6	0	0	0	0	28	3	1	0	1	1	5	4	10	6
		9	1017.7	-	15.9	2.2	14.0	77	6.2	0	3	5	15	8	0	0	0	0	0	0	0	8	10	11	2	0	0	0	12	19	0	5	0	0	1	4	6	9	6
		15	1017.4	-	18.1	3.7	13.5	66	6.3	0	1	6	18	6	0	0	0	0	0	0	0	3	14	7	7	0	0	0	11	20	0	9	0	1	4	2	6	4	5
		21	1017.7	-	13.7	1.2	13.7	87	5.4	0	6	8	10	7	0	0	0	0	0	0	0	3	10	8	8	2	0	0	0	2	27	2	3	0	1	1	6	5	6	7
NARHAM	24	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1018.0	+ 4.1	15.2	1.6	14.3	83	6.5	0	3	2	16	10	0	0	0	0	0	0	0	0	10	6	13	2	0	0	0	10	20	1	7	0	0	3	2	5	8	5
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAMBRIDGESHIRE																																										
WITTERING	76	3	1017.8	-	11.7	0.6	12.9	93	5.5	2	7	2	9	11	0	0	0	0	1	1	0	3	9	11	5	1	0	0	3	27	1	3	1	2	0	1	9	11	3
		9	1018.1	+ 4.2	15.1	1.8	13.8	80	6.0	1	4	2	16	8	0	0	0	0	0	0	1	4	11	11	1	0	0	0	12	19	0	6	0	1	2	0	4	5	5
		15	1017.5	-	17.6	3.1	14.1	70	6.2	0	2	6	15	8	0	0	0	0	0	0	1	4	6	17	3	0	0	0	11	20	0	7	1	0	2	3	4	13	1
		21	1018.1	-	14.1	1.4	13.6	84	5.5	0	6	6	12	7	0	0	0	0	0	1	0	1	9	13	7	1	0	0	4	25	2	1	1	0	2	2	4	10	7
WYTON	43	3	1017.6	-	12.2	0.7	13.1	92	4.9	7	2	4	9	9	0	0	0	0	1	2	3	9	13	3	0	0	0	0	27	4	4	0	1	1	3	7	8	3	5
		9	1018.1	-	15.5	1.9	14.1	80	6.1	0	3	6	16	6	0	0	0	0	0	1	0	9	10	9	2	0	0	0	12	17	2	5	2	0	3	2	7	8	5
		15	1017.4	-	18.5	3.6	14.2	67	6.4	0	1	6	18	6	0	0	0	0	0	0	1	5	7	14	5	0	0	0	11	20	0	5	2	0	2	3	7	9	3
		21	1018.0	-	14.6	1.5	13.9	84	5.7	1	4	4	17	5	0	0	0	0	0	0	2	15	7	6	1	0	0	0	2	28	1	3	3	2	0	6	5	7	4
SUFFOLK																																										
ALDEBURGH			REPORTS TERMINATED																																							
HONINGTON	51	3	1017.8	-	11.8	0.5	13.0	94	5.2	3	6	1	10	11	0	0	0	0	0	3	2	6	11	6	3	0	0	0	0	27	4	2	0	1	2	4	7	10	1
		9	1018.3	-	14.9	1.8	13.7	81	6.1	0	4	4	14	9	0	0	0	0	0	0	0	1	12	10	5	4	0	0	0	8	23	0	2	1	1	3	2	4	14	4
		15	1017.6	-	18.2	4.0	13.0	63	6.1	0	1	10	15	5	0	0	0	0	0	0	0	1	4	7	12	7	0	0	0	13	18	0	5	0	2	1	9	7	4	4
		21	1018.2	-	13.9	1.4	13.5	84	5.7	0	6	3	16	6	0	0	0	0	0	1	1	1	12	9	7	0	0	0	0	3	26	2	4	0	2	2	5	7	4	4
WATTISHAM	91	3	1018.1	-	11.7	0.5	13.0	94	4.9	6	3	2	11	9	0	0	0	0	0	0	0	10	8	8	4	0	0	0	0	26	2	2	1	1	2	3	8	6	6	7
		9	1018.5	-	15.2	2.0	13.6	79	5.9	0	5	5	12	9	0	0	0	0	0	0	1	9	13	5	3	0	0	0	13	17	1	2	0	0	3	7	7	6	7
		15	1017.8	-	18.2	3.9	13.3	64	5.7	0	2	12	12	5	0	0	0	0	0	0	0	5	11	12	3	0	0	0	19	12	0	4	0	0	4	5	6	5	6	5
		21	1018.4	-	13.8	1.4	13.5	85	5.3	1	6	8	11	5	0	0	0	0	0	0	0	5	8	10	8	0	0	0	5	26	0	5	1	3	1	5	5	6	5
BEDFORDSHIRE																																										
CARDINGTON	30	3	1018.2	-	11.5	0.4	13.0	95	5.5	5	1	6	8	10	1	0	0	0	1	1	0	2	11	13	3	0	0	0	2	25	4	3	1	1	0	4	10	8	0
		9	1018.6	+ 4.3	15.7	1.9	14.2	80	6.2	0	3	5	15	8	0	0	0	0	0	0	0	2	9	13	7	0	0	0	5	25	1	4	0	1	1	2	7	9	4
		15	1017.8	-	18.9	3.8	14.1	65	6.6	0	0	5	21	5	0	0	0	0	0	0	0	1	4	16	9	1	0	0	0	23	0	4	0	1	2	2	8	7	6	5
		21	1018.4	-	14.1	1.3	13.9	86	5.5	0	5	8	11	7	0	0	0	0	0	0	0	0	16	11	4	0	0	0	0	25	1	3	3	1	2	2	7	7	4	5

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT (OKTAS): MEAN	CLOUD AMOUNT (OKTAS): NUMBER OF OBSERVATIONS 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: NUMBER OF OBSERVATIONS 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
3 EAST ANGLIA -CONTD.																																										
ESSEX																																										
SHOEBURYNESS	5	9	1018.7	+ 4.0	16.4	2.2	14.6	78	5.4	2	4	4	17	4	0	0	0	0	0	0	0	5	11	13	2	0	0	7	24	0	5	0	1	3	2	7	8	5
		15	1018.1	-	19.3	3.9	14.6	65	5.7	0	3	6	20	2	0	0	0	0	0	0	0	1	11	13	6	0	0	9	22	0	6	1	3	2	3	9	4	3
		21	1018.5	-	15.5	1.5	14.9	84	4.9	0	6	10	13	2	0	0	0	0	0	0	0	6	8	13	4	0	0	3	28	0	3	1	4	2	2	9	5	5
STANSTED	102	3	1018.1	-	11.8	0.7	12.8	92	5.2	3	5	5	8	10	0	0	0	0	0	1	2	3	13	5	6	1	0	0	0	25	6	3	0	1	1	3	6	5	6
		9	1018.5	+ 4.1	15.3	2.0	13.7	79	5.8	1	4	5	13	8	0	0	0	0	0	0	0	7	10	11	3	0	0	0	5	25	1	4	1	0	1	3	1	5	8	7
		15	1017.7	-	18.4	4.1	13.1	62	5.8	0	3	8	17	3	0	0	0	0	0	0	0	5	8	10	8	0	0	0	12	19	0	7	0	0	3	3	6	9	3
		21	1018.4	-	14.3	1.6	13.5	83	5.1	1	7	5	16	2	0	0	0	0	0	0	3	9	9	9	1	0	0	1	29	1	4	1	5	2	2	5	7	4
4 MIDLAND COUNTIES																																										
WEST YORKSHIRE																																										
HUDDERSFIELD	235	3	1017.3	-	11.1	0.8	12.0	90	6.9	2	1	1	6	21	0	0	0	0	0	2	0	17	7	4	1	0	2	4	23	2	1	1	0	1	5	8	9	4
OAKES		9	1017.9	-	14.1	1.3	13.8	85	6.8	1	1	3	7	19	0	0	0	0	2	0	3	15	3	7	1	0	1	3	27	0	2	1	1	2	10	7	8	0
		15	1017.5	-	16.5	2.4	14.2	76	7.1	0	0	2	14	15	0	0	0	0	0	1	0	5	13	10	2	0	1	9	21	0	3	2	2	0	4	7	10	3
		21	1017.7	-	12.6	0.9	13.1	89	6.3	2	0	7	8	14	0	0	0	0	1	0	0	5	13	12	0	0	0	1	7	19	4	3	0	1	0	5	7	8	3
NILSDEN	267	3	1017.7	-	11.2	0.7	12.2	91	5.5	3	5	4	6	12	1	0	1	0	0	0	4	7	19	0	0	0	0	4	25	2	3	0	1	0	5	8	9	3
		9	1017.9	-	12.9	1.3	12.7	85	6.6	1	2	2	10	16	0	0	0	0	1	2	4	10	9	5	0	0	0	0	8	20	3	2	2	0	2	3	4	12	3
		15	1017.5	-	15.3	2.4	12.9	75	6.3	0	2	7	11	11	0	0	0	0	0	0	0	10	17	4	0	0	0	0	11	18	2	3	2	0	0	3	4	17	0
		21	1018.1	-	12.2	1.0	12.5	88	6.2	0	5	3	8	15	0	0	0	0	0	0	0	10	18	3	0	0	0	0	7	19	5	3	1	1	0	3	4	11	3
SOUTH YORKSHIRE																																										
FINNINGLEY	15	3	1017.1	-	11.9	0.6	13.0	93	6.0	4	1	1	12	13	0	0	0	0	0	1	1	3	12	8	3	3	0	0	2	28	1	2	0	0	4	8	3	8	5
		9	1017.6	+ 4.2	15.2	1.7	14.2	82	6.4	1	4	0	15	11	0	0	0	0	0	0	3	7	10	9	2	0	0	0	6	25	0	2	1	0	3	6	4	8	7
		15	1017.0	-	17.9	3.3	14.0	69	6.1	0	2	7	16	6	0	0	0	0	0	0	1	9	17	4	0	0	0	12	19	0	3	2	1	0	5	7	8	6
		21	1017.5	-	13.9	1.3	13.7	86	6.3	0	3	3	18	7	0	0	0	0	0	1	3	5	9	11	2	0	0	1	29	1	3	1	1	3	4	4	10	4
NOTTINGHAMSHIRE																																										
WATNALL	119	3	1017.7	-	11.8	0.5	12.9	93	6.0	4	3	1	6	17	0	0	0	0	0	1	2	3	12	10	3	0	0	0	2	28	1	3	2	2	0	3	9	9	2
		9	1018.1	+ 4.6	14.7	1.6	13.9	85	6.1	1	4	2	12	12	0	0	0	0	0	1	1	2	10	8	1	0	0	0	4	27	0	3	3	0	0	1	11	8	5
		15	1017.5	-	17.2	2.9	14.0	72	6.6	0	1	5	17	8	0	0	0	0	0	0	2	4	11	12	2	0	0	0	4	27	0	3	3	0	0	1	8	10	6
		21	1018.0	-	13.9	1.4	13.5	85	6.1	0	2	6	17	6	0	0	0	0	0	1	2	8	14	6	0	0	0	0	2	29	0	3	1	3	0	3	8	11	2
SALOP																																										
SHAWBURY	76	3	1017.8	-	12.4	0.7	13.3	92	6.3	2	2	2	10	15	0	0	0	0	0	0	0	1	9	9	12	0	0	0	0	29	2	0	1	2	2	7	3	12	2
		9	1018.2	+ 4.5	15.0	1.6	14.1	83	6.5	0	2	3	15	11	0	0	0	0	0	0	0	11	7	8	5	0	0	0	2	29	0	1	1	2	1	7	4	9	6
		15	1017.7	-	17.4	2.8	14.6	73	6.0	0	1	9	16	5	0	0	0	0	0	0	0	4	14	7	6	0	0	0	14	17	0	4	3	0	0	3	2	9	10
		21	1018.3	-	13.9	1.2	13.8	86	6.1	0	4	3	16	8	0	0	0	0	0	0	2	9	8	13	1	0	0	0	0	31	0	6	1	0	1	7	3	7	6
WEST MIDLANDS																																										
EDGBASTON	165	9	1018.4	+ 4.2	14.2	1.9	12.8	79	6.5	1	0	5	16	9	0	0	0	0	0	0	0	2	8	17	4	0	0	0	0	29	2	3	2	1	0	3	8	6	6
		15	1017.6	-	17.3	3.6	12.9	66	6.4	0	1	6	20	4	0	0	0	0	0	0	0	4	14	10	3	0	0	0	3	26	2	7	0	0	1	5	2	9	5
		21	1018.4	-	14.8	2.2	12.8	76	5.9	1	4	5	13	8	0	0	0	0	0	0	0	6	17	8	0	0	0	0	0	26	5	6	0	2	0	3	5	6	4
ELMDON	100	3	1018.2	-	11.9	0.7	12.8	91	5.4	4	4	3	10	10	0	0	0	0	0	0	0	3	6	15	7	0	0	0	2	27	2	1	2	0	4	6	4	5	7
		9	1018.5	+ 4.5	14.9	1.9	13.5	80	6.4	1	1	6	13	10	0	0	0	0	0	0	1	8	10	4	0	0	0	0	10	21	0	3	2	1	1	5	7	5	7
		15	1017.7	-	17.8	3.5	13.5	67	6.1	0	1	7	17	6	0	0	0	0	0	0	0	3	17	8	3	0	0	0	11	20	0	6	3	0	1	4	6	6	5
		21	1018.5	-	14.5	1.8	13.3	80	6.2	1	3	3	18	6	0	0	0	0	0	0	0	4	22	4	1	0	0	0	4	24	3	3	0	2	0	3	6	6	8
GLOUCESTER																																										
INNSWORTH	24	3	1018.5	-	12.9	0.9	13.4	89	5.3	5	3	2	11	10	0	0	0	0	0	0	0	0	10	11	10	0	0	0	0	25	6	2	2	0	0	13	4	3	1
		9	1019.0	-	15.6	1.8	14.3	81	6.1	1	2	3	21	4	0	0	0	0	0	0	0	1	7	11	9	3	0	0	2	29	0	5	2	1	0	5	12	6	0
		15	1018.2	-	18.8	3.9	14.0	64	5.8	0	1	9	17	4	0	0	0	0	0	0	0	0	6	13	15	3	0	0	0	9	22	0	5	1	0	1	5	6	8	5
		21	1018.8	-	15.2	1.9	13.8	80	5.4	0	5	7	17	2	0	0	0	0	0	0	0	6	10	12	3	0	0	0	2	27	2	6	1	1	1	8	5	5	2
OXFORDSHIRE																																										
BENSON	74	3	1018.4	-	12.4	0.8	13.0	90	5.0	4	6	3	9	9	0	0	0	0	0	0	0	1	8	11	10	1	0	0	1	19	11	1	1	2	0	7	3	3	3
		9	1018.9	-	15.5	2.0	13.9	79	5.9	1	1	8	16	5	0	0	0	0	0	0	0	2	5	8	9	7	0	0	0	4	22	5	5	1	2	1	5	3	9	0
		15	1018.1	-	19.0	4.1	13.7	63	6.3	0	1	8	20	2	0	0	0	0	0	0	0	0	1	11	13	6	0	0	0	9	22	0	6	2	0	1	3	3	11	5
		21	1018.8	-	14.8	1.6	13.9	82	4.9	2	6	6	10	7	0	0	0	0	0	0	0	7	10	11	3	0	0	0	1	27	3	2	2	4	1	6	7	3	3
BRIZE NORTON	92	3	1018.3	-	12.3	0.9	12.8	89	5.0	5	5	4	4	13	0	0	0	0	0	0	0	0	13	10	7	1	0	0	2	24	5	0	5	1	0	2	6	8	4
		9	1018.7	-	15.5	2.3	13.5	76	6.2	1	3	3	16	8	0	0	0	0	0	0	0	2	13	11	5	0	0	0	4	27	0	6	2	2	1	9	6	3	
		15	1017.9	-	18.7	4.3	13.0	60	6.4	0	1	6	21	3	0	0	0	0	0	0	0	1	9	16	5	0	0	0	10	21	0	7	1	1	0	2	7	9	4
		21	1018.7	-	14.7	1.9	13.3	80	4.9	3	7	3	12	6	0	0	0	0	0	0	0	4	12	12	3	0	0	0	0	29	2	5	3	0	0	2	8	8	3
5 ENGLAND SE & CENT. S.																																										
GREATER LONDON																																										
HEATHROW	26	3	1018.4	-	13.2	0.8	13.7	90	4.7	6	5	2	11	7	0	0	0	0	0	0	0	1	16	12	2	0	0	0	0	31	0	4	1	3	1	3	6	8	5
		9	1018.9	+ 4.3	15.9	2.0	14.4	80	5.6	2	4	4	17	4	0	0	0	0	0	0	0	2	9	11	9	0	0	0	0	1	30	0	5	0	1	1	8	2	13	1
		15	1018.0	-	19.8	4.2	14.6	63	5.5	0	2	11	16	2	0	0	0	0	1	0	0	0	3	10	10	7	0	0	0	4	27	0	6	0	0	1	3	10	7	4
		21	1018.7	-	16.2	2.1	14.5	79	5.3	2	5	4	15	5	0	0	0	0	0	0	0	0	14	11	6	0	0	0	0	31	0	4	3	1	1	2	8	8	4
KEW	10	3	1018.5	-	12.4	1.0	12.9	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1019.0	+ 4.3	15.7	2.5	13.5	76	5.5	2	5	3	12	9	0	0	0	0	0	0	1	1	8	7	14	0	0	0	2	27	2	4	2	1	1	5	5	9	2
		15	1018.1	-	19.0	4.6	13.4	61	5.7	0	4	7	15	5	0	0	0	0	0	0	0	1	11	14	5	0	0	0	4	27	0	6	2	0	1	4	6	8	4
		21	1018.8	-	15.2	2.2	13.6	78	4.7	4	4	5	15	3	0	0	0	0	0	0	0	4	14	13	0	0	0	0	29	2	5	2	0	1	3	11	5	2	
LONDON	24	3	1018.3	-	14.4	1.8	13.3	80	5.0	4	5	4	9	9	0	0	0	0	0	0	0	0	11	10	10	0	0	0	0	26	1	4	4	3	1	1	5	8	4
WEATHER CENTRE (X)		9	1018.9	-	16.3	2.7	13.4	72	5.7	2	5	3	10	11	0	0	0	0	0	0	0	2	6	14	8	1	0	0	0	25	0	2	3	1	2	1	6	11	5
		15	1018.0	-	19.5	4.6	13.3	59	5.7	0	3	8	14	6	0	0	0	0	0	0	0	0	3	10	15	3	0	1	11	19	0	4	4	0	2	2	6	9	4
		21	1018.8	-	16.7	2.9	13.6	72	4.7	2	7	6	10	6	0	0	0	0	0	0	0	2	17	12	0	0	0	0	8	23	0	4	3	1	2	3	7	7	4
WILTSHIRE																																										
BOSCOMBE DOWN	128	3	1018.8	-	11.6	0.4	13.0	95	4.5	5	6	6	6	8	0	0	0	0	0	2	0	1	15	4	8	1	0	0	2	27	2	2	0	5	2	4	1	10	5
		9	1019.2	+ 4.1	15.3	1.8	14.1	81	5.8	0	5	2	18	6	0	0	0	0	0	2	2	8	12	7	0	0	0	0	6	25	0	5	1	1	3	6	5	7	5
		15	1018.5	-	18.4	3.7	13.9	66	6.1	0	2	4	21	4	0	0	0	0	0	0	0	0	5	18	8	0	0	0	10	21	0	5	1	1	3	4	4	10	6
		21	1019.3	-	13.6	1.2	13.5	86	5.0	4	5	3	14	5	0	0	0	0	0	0	0	6	13	8	4	0	0	0	3	27	1	5	0	2	3	2	5	9	4
LYNEHAM	149	3	1018.6	-	12.0	0.8	12.7	91	5.4	3	4	4	9	11	0	0	0	0	0	1	1	7	15	5	2	0	0	0	1	30	0	4	3	2	2	4	8	6	2
		9	1019.1	+ 4.4	14.7	1.7	13.7	82	6.0	1	2	6	16	6	0	0	0	0	0	0	0	8	7	13	3	0	0	0	5	26	0	4	4	1	1	3	11	5	2
		15	1018.3	-	17.9	3.5	13.6	67	6.0	0	1	7	20	3	0	0	0	0	0	0	0	4	8	13	6	0	0	0	11	20	0	7	1	0	1	5	5	10	2
		21	1019.1	-	14.0	1.6	13.1	82	5.1	1	7	5	13	5	0	0	0	0	0	0	0	6	9	14	2	0	0	0	2	29	0	4	2	1	1	5	5	11	2
UPAVON	183	9	1019.0	-	15.0	1.6	14.1	83	6.0	0	2	7	15	7	0	0	0	0	0	1	1	7	10	9	3	0	0	0	2	27	2	6	1	1	2	4	4	8	3
		15	1018.3	-	18.3	3.3	14.5	69	6.0	0	1	9	18	3	0	0	0	0	0	0	0	2	5	17	7	0	0	0	8	22	1	7	1	0	1	4	9	6	
		21	1019.2	-	13.6	1.2	13.5	87	5.0	2	7	4	11	7	0	0	0	0	0	0	0	7	11	12	1	0	0	0	2	27	2	4	1	2	0	4	7	7	4

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE AT MSL (MB)	MEAN PRESSURE DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY DRY BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY DEPRESSION OF WET BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS MEAN	CLOUD AMOUNT NUMBER OF OBSERVATIONS 0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT) 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
5 ENGLAND SE & CENT. S. -CONTD.																																										
KENT																																										
DUNGENESS	7	3	1018.1	-	-	-	-	-	4.0	8	5	5	5	7	1	0	0	0	0	1	0	0	6	8	16	0	0	1	9	19	2	4	0	1	1	4	1	11	7
		9	1018.8	-	16.2	1.9	14.8	80	5.4	1	2	11	12	5	0	0	0	0	0	0	0	9	12	10	0	0	1	15	14	1	6	3	0	1	4	7	5	4
		15	1018.5	-	-	-	-	-	5.2	0	5	10	13	3	0	0	0	0	0	0	0	4	9	18	0	0	1	17	13	0	0	1	6	1	3	10	9	1
		21	1018.6	-	-	-	-	-	4.9	2	4	9	10	6	0	0	0	0	0	0	0	2	8	21	0	0	0	13	17	1	1	0	8	0	2	2	15	2
MANSTON	45	3	1018.3	-	13.2	0.8	13.7	90	5.1	2	5	8	11	5	0	0	0	0	0	0	0	0	10	10	9	2	0	0	5	26	0	5	1	0	5	5	4	8	3
		9	1018.8	-	16.4	2.4	14.1	76	5.1	1	7	4	15	4	0	0	0	0	0	0	0	7	13	7	4	0	0	11	20	0	8	0	0	4	2	8	4	5
		15	1018.4	-	18.7	3.8	14.0	65	4.8	0	10	5	11	5	0	0	0	0	0	0	1	7	7	11	5	0	0	11	20	0	4	2	2	0	4	8	5	6
		21	1018.7	-	14.5	1.4	14.0	85	4.7	1	6	10	12	2	0	0	0	0	0	0	0	10	10	10	1	0	0	7	24	0	2	4	2	2	5	9	4	3
HAMPSHIRE																																										
SOUTHAMPTON WEATHER CENTRE (X)	9	3	1018.4	-	13.5	1.1	13.6	87	4.6	5	3	9	8	6	0	0	0	0	0	0	1	7	11	12	0	0	0	0	30	1	3	2	6	0	1	3	12	3	1
		9	1019.2	-	16.3	2.5	13.9	75	5.6	0	4	8	14	5	0	0	0	0	0	0	1	6	9	14	1	0	0	0	31	0	2	5	1	1	3	2	16	1	
		15	1018.6	-	19.3	4.1	14.0	63	5.6	0	3	7	21	0	0	0	0	0	0	0	0	0	11	17	3	0	0	0	24	0	2	3	1	1	5	6	9	4	2
		21	1019.1	-	15.8	1.9	14.4	80	5.0	1	8	5	13	4	0	0	0	0	0	0	0	1	7	8	15	0	0	0	0	30	1	1	1	3	1	3	3	16	2
WEST SUSSEX																																										
GATWICK	60	3	1018.7	-	11.5	0.4	13.1	96	4.9	3	7	5	6	10	0	0	0	1	2	3	3	13	7	2	0	0	0	1	23	7	3	1	1	2	1	7	7	2	
		9	1019.2	+ 4.3	15.4	1.9	14.2	80	5.7	2	4	4	14	6	1	0	0	0	1	0	3	7	9	8	5	0	0	0	6	23	2	4	1	0	2	4	7	5	6
		15	1018.5	-	18.8	4.0	13.8	64	5.3	0	5	8	15	3	0	0	0	0	0	0	0	6	9	11	5	0	0	0	9	22	0	4	0	1	2	2	10	7	5
		21	1019.1	-	14.3	1.2	14.2	87	5.0	2	4	10	8	7	0	0	0	0	0	0	1	14	11	5	0	0	0	3	24	4	0	1	1	2	2	12	7	2	
EAST SUSSEX																																										
HERSTMONCEUX	28	3	1018.5	-	12.2	0.5	13.5	94	4.5	3	4	13	3	8	0	0	0	0	1	1	1	6	7	8	7	0	0	0	2	20	9	4	1	2	0	1	4	8	2
		9	1019.1	-	15.7	1.6	14.9	83	5.0	1	7	7	11	5	0	0	0	0	0	0	0	2	5	13	7	4	0	0	2	29	0	5	1	1	0	1	5	8	10
		15	1018.8	-	18.0	3.1	14.4	70	5.3	0	4	8	16	3	0	0	0	0	0	0	0	2	11	13	5	0	0	0	9	22	0	6	1	1	3	2	16	1	1
		21	1019.1	-	13.6	0.7	14.3	92	4.5	1	8	11	6	5	0	0	0	0	0	0	1	7	9	13	1	0	0	1	28	2	9	0	1	1	0	0	7	10	2
7A ENGLAND NW & I.O.M. CUMBRIA																																										
CARLISLE	28	3	1016.8	-	12.0	0.5	13.3	95	5.6	0	7	3	9	12	0	0	0	0	0	0	0	1	9	13	5	3	0	0	0	29	2	3	2	4	4	2	4	9	1
		9	1017.1	+ 4.6	14.3	1.2	14.1	86	6.4	0	4	3	12	12	0	0	0	0	0	0	0	7	10	10	4	0	0	0	1	29	1	1	2	4	3	2	6	11	1
		15	1016.7	-	17.1	2.5	14.6	75	6.5	0	2	5	14	10	0	0	0	0	0	0	1	1	6	12	11	0	0	0	5	26	0	1	4	2	0	2	7	13	2
		21	1017.1	-	13.8	0.8	14.3	90	6.4	0	3	3	17	8	0	0	0	0	0	0	0	6	12	8	5	0	0	0	2	27	2	2	4	4	0	3	7	9	0
LANCASHIRE																																										
SQUIRES GATE	11	3	1017.5	-	13.6	0.7	14.5	93	6.6	0	2	3	12	14	0	0	0	0	0	0	0	3	4	12	11	1	0	0	11	20	0	3	1	5	5	2	2	8	5
		9	1018.0	+ 4.9	14.9	1.3	14.7	86	6.6	0	3	2	14	12	0	0	0	0	0	0	0	2	5	12	8	4	0	0	12	19	0	1	4	2	2	3	3	8	9
		15	1017.8	-	16.7	2.1	15.1	80	6.0	0	3	8	13	7	0	0	0	0	0	0	0	1	10	13	7	0	0	0	20	11	2	1	0	2	1	2	4	10	11
		21	1018.0	-	14.8	1.2	14.7	87	6.1	0	5	4	11	11	0	0	0	0	0	0	0	4	13	10	4	0	0	0	14	17	0	6	0	1	1	2	4	6	11
GREATER MANCHESTER																																										
MANCHESTER WEATHER CENTRE (X)	42	3	1017.5	-	13.5	1.0	13.8	89	6.7	0	2	3	13	13	0	0	0	0	0	0	0	1	12	12	6	0	0	0	0	29	2	3	3	0	3	12	3	4	1
		9	1017.9	-	14.7	1.6	13.9	83	7.0	1	0	2	14	14	0	0	0	0	0	0	0	3	10	14	3	1	0	0	0	31	0	5	2	0	1	11	5	7	0
		15	1017.5	-	17.2	2.9	14.0	72	6.6	0	2	4	13	12	0	0	0	0	0	0	0	0	4	12	14	1	0	0	6	25	3	5	3	1	0	4	2	12	4
		21	1017.9	-	15.0	1.6	14.2	83	6.0	1	2	6	17	5	0	0	0	0	0	0	1	1	6	12	11	0	0	0	0	31	0	3	3	0	2	5	2	13	3
RINGWAY	84	3	1017.8	-	12.9	0.7	13.8	92	6.9	1	1	2	11	16	0	0	0	0	0	0	0	4	13	6	8	0	0	0	4	27	0	0	4	0	1	15	4	5	2
		9	1018.1	+ 4.8	14.4	1.5	13.7	84	6.6	1	1	4	11	14	0	0	0	0	0	0	0	2	13	9	6	1	0	0	8	23	0	2	1	2	0	6	8	9	3
		15	1017.7	-	17.0	2.9	13.8	72	6.4	0	2	5	15	9	0	0	0	0	0	0	0	0	9	12	6	4	0	0	12	19	0	2	1	2	0	3	3	11	9
		21	1018.2	-	14.4	1.3	14.0	85	5.8	1	2	8	11	9	0	0	0	0	0	0	1	1	12	10	7	0	0	0	3	26	2	1	2	0	0	6	4	11	5
ISLE OF MAN																																										
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	1017.9	+ 5.5	14.3	1.0	14.6	89	6.6	0	1	6	9	15	0	0	0	0	0	0	0	1	2	4	16	8	0	0	20	7	4	1	2	0	4	2	3	8	7
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	1018.0	-	13.9	0.8	14.4	91	6.2	0	4	4	10	13	0	0	0	0	0	0	0	3	5	9	14	0	0	2	15	11	3	1	1	0	1	3	5	7	10
RONALDSWAY	21	3	1017.2	-	12.5	0.7	13.4	92	6.0	1	3	5	12	9	1	0	0	0	0	1	0	1	4	4	15	6	0	0	8	22	1	6	2	1	0	5	3	5	8
		9	1017.7	+ 5.0	14.1	1.2	14.0	87	6.5	0	2	5	14	10	0	0	0	0	0	0	0	5	7	13	6	0	0	0	14	17	0	4	1	1	3	2	4	10	6
		15	1017.7	-	15.2	1.8	13.9	81	5.9	0	5	3	16	7	0	0	0	0	0	1	0	2	4	5	12	7	0	1	15	15	0	2	1	1	1	5	2	8	7
		21	1017.8	-	13.2	0.9	13.7	90	5.9	0	5	5	11	10	0	0	0	0	0	0	0	3	6	5	12	5	0	0	10	20	1	3	1	1	0	5	5	8	7
7B WALES N GWYNEDD																																										
BARDSEY ISLAND	19	3	1018.3	-	13.5	0.7	14.3	92	4.9	5	4	6	3	11	2	2	0	0	0	0	0	0	5	20	2	2	1	2	8	15	5	10	0	0	1	3	5	4	3
		9	1018.8	-	14.1	0.8	14.7	91	7.1	0	0	3	12	16	0	0	0	0	0	0	0	0	3	21	3	4	0	3	9	18	1	10	1	0	3	0	5	8	3
		15	1019.0	-	15.1	1.2	15.0	87	5.8	0	0	0	12	11	8	0	0	0	0	0	0	0	3	15	9	4	0	3	9	17	2	9	0	0	1	5	4	5	5
		21	1018.9	-	13.9	0.8	14.4	91	5.9	1	3	6	6	14	1	0	1	0	0	0	0	0	4	16	5	5	0	4	7	15	5	6	0	0	0	3	8	3	6
VALLEY	11	3	1017.9	-	13.0	0.6	14.0	93	5.9	3	4	2	7	15	0	0	0	0	1	1	3	5	5	13	3	0	1	10	17	3	7	0	0	1	6	5	3	6
		9	1018.4	+ 5.2	14.6	1.1	14.6	87	6.8	0	2	3	14	12	0	0	0	0	0	1	0	1	5	5	17	3	0	1	15	15	0	7	1	0	0	4	7	6	6
		15	1018.5	-	15.9	1.8	14.6	81	6.0	0	5	2	14	10	0	0	0	0	0	1	0	1	4	5	12	9	0	3	16	12	0	4	1	0	0	7	7	2	10
		21	1018.6	-	13.8	0.8	14.5	91	5.9	0	6	3	15	6	1	0	0	0	0	1	0	0	5	4	15	6	0	1	10	17	3	5	1	0	0	10	4	2	6
8A WALES S DYFED																																										
ABERPORTH	134	3	1018.4	-	12.6	0.6	13.6	93	5.1	3	8	1	9	9	1	0	0	0	2	0	2	3	9	9	6	0	1	9	21	0	5	1	0	0	12	1	7	5	
		9	1019.0	+ 5.1	14.1	1.1	14.2	88	6.5	0	2	3	16	10	0	0	0	0	1	3	4	10	9	4	0	0	15	16	0	7	1	0	1	5	4	5	8	
		15	1019.1	-	15.5	1.9	14.1	80	5.6	0	6	5	13	6	1	0	1	0	0	0	4	4	15	7	0	1	18	12	0	7	0	1	0	6	1	10	6	
		21	1019.3	-	13.3	0.8	13.8	90	5.4	1	7	4	8	10	1	0	0	1	0	0	0	2	10	10	8	0	0	11	18	2	6	0	1	0	8	4	5	5	
BRAWDY	116	3	1018.6	-	11.9	0.3	13.4	96	5.2	5	4	2	8	12	0	0	1	1	2	1	0	5	10	10	1	0	0	5	26	0	9	5	0	1	5	5	3	3	
		9	1019.2	-	14.1	1.0	14.3	89	5.7	0	1	5	13	12	0	0	0	0	2	0	1	4	12	11	1	0	0	0	15	16	0	6	7	0	0	4	5	5	3
		15	1019.2	-	15.4	1.7	14.2	81	6.0	0	0	12	14	5	0	0	1	0	1	0	2	5	13	12	0	0	0	23	8	0	10	1	0	0	4	6	7	3	
		21	1019.3	-	12.7	0.5	13.8	93	5.3	0	6	8	9	8	0	0	1	0	2	1	3	6	16	2	0	0	0	8	23	0	9	2	0	0	4	7	6	3	
BRYNHAMMAN	-	9	-	-	14.5	1.3	14.1	85	6.0	1	3	3	17	7	0	0	0	0	3	0	7	15	6	0	0	0	0	27	4	2	2	0	0	1	7	6	9	
		15	-	-	16.8	2.5	14.3	76	6.1	0	2	7	13	9	0	0	0	0	2	1	3	11	14	0	0	0	0	3	26	2	2	1	0	0	2	3	11	10	
		21	-	-	13.3	0.9	13.6	89	5.2	2	7	3	12	7	0	0	0	0	1	4	8	8	10	0	0	0	0	0	18	13	3	0	0	0	0	4	5	6	
MILFORD HAVEN C.B.	39	3	1018.5	-	13.1	0.6	14.1	93	4.7	8	2	5	4	12	0	0	0	0	0	0	1	5	17	8	0	0	0	0	8	15	8	7	2	0	1	2	6	3	2
		9	1019.1	+ 4.7	14.8	1.0	15.0	89	6.3	1	0	9	10	11	0	0	0	0	0	0	1	4	19	7	0	0	0	5	24	2	6	1	1	1	2	7	3	8	5
		15	1019.1	-	16.5	2.1	14.8	79	5.5	0	2	13	11	5	0	0	0	0	0	0	1	4	19	7	0	0	0	14	17	0	6	1	0	0	5	8	6	5	
		21	1019.1	-	13.9	0.7	14.6	92	4.5	5	6	6	6	8	0	0	0	0	0	0	0	7	16	8	0	0	0	5	25	1	8	1	0	1	3	7	4	6	
WEST GLAMORGAN																																										
MUMBLES HEAD	37	3	1018.3	-	13.8	0.9	14.2	89	4.6	6	4	5	7	9	0	0	0	0	0	0	0	5	2	21	3	0	0	10	18	3	10	3	2	0	1	4	4	4	
		9	1018.9	-	15.6	1.7	14.6	82	5.9	1	3	4	17	6	0	0	0	0	1	0	1	2	6	11	1	0	0	11	17	3	5	2	1	0	3	8	3		
		15	1018.7	-	17.3	2.5	14.9	75	5.5	0	3	12	9	7	0	0	0	0	0	1	0	1	6	5	18	1	0	1	12	16	2	5	0	1	1	2	6	12	2
		21	1019.0	-	14.8	1.4	14.3	85	5.3	1	6	6	11	7	0	0	0	0	0	0	0	5	6	17	3	0	1	9	19	2	6	1	0	0	3	4	12	3	

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1978

DISTRICT, REGION/COUNTY AND PLACE	HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE: AT MSL (MB)	MEAN PRESSURE: DIFFERENCE FROM 1941-70 AVERAGE	MEAN TEMPERATURE AND HUMIDITY: DRY BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: DEPRESSION OF WET BULB (DEGREES C)	MEAN TEMPERATURE AND HUMIDITY: VAPOUR PRESSURE (MB)	MEAN TEMPERATURE AND HUMIDITY: RELATIVE HUMIDITY (%)	CLOUD AMOUNT OKTAS: MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSCURED	VISIBILITY: 0 - 39 M	40 - 199 M	200 - 399 M	400 - 999 M	1000 - 1999 M	2000 - 3999 M	4 - 9 KM	10 - 19 KM	20 - 39 KM	40 KM AND OVER	WIND SPEED AND DIRECTION: BEAUFORT FORCE 8 OR MORE	6-7	4-5	1-3	CALM	SPEED (KT): 34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
									NUMBER OF OBSERVATIONS																																			
8A WALES S -CONTD.																																										
MID GLAMORGAN																																										
CILFYNYDD	195	3	1018.8	-	11.6	0.6	12.6	92	5.6	5	3	1	8	13	1	0	0	1	0	0	0	2	28	0	0	0	0	0	13	18	2	1	1	0	2	4	2	1
		9	1019.0	-	14.3	1.5	13.7	84	5.7	4	1	4	13	9	0	0	0	0	0	0	0	4	27	0	0	0	0	4	16	11	1	2	1	0	3	5	4	4
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH GLAMORGAN																																						
RHOOSE	69	3	1018.5	-	12.3	0.7	13.2	92	4.8	2	7	5	12	5	0	0	0	0	0	0	0	7	11	12	1	0	0	4	25	2	2	5	5	1	2	2	9	3
		9	1019.1	+ 4.4	15.5	1.6	14.6	83	5.8	0	6	4	17	4	0	0	0	0	0	1	0	7	10	10	2	0	0	9	21	1	1	2	4	2	1	2	13	5
		15	1018.8	-	17.7	3.0	14.4	71	4.7	0	7	10	10	4	0	0	0	0	0	0	0	3	9	13	6	0	0	13	18	0	0	0	1	3	4	3	16	4
		21	1019.2	-	14.0	1.1	14.0	87	4.7	0	9	5	14	3	0	0	0	0	0	0	1	6	8	14	2	0	0	3	28	0	1	4	0	1	2	2	14	7
8B ENGLAND SW																																						
AVON																																						
FILTON	61	3	1018.7	-	12.8	0.8	13.4	90	4.5	6	5	4	11	5	0	0	0	0	0	0	1	1	4	10	15	0	0	0	2	20	9	2	4	2	1	1	5	5	2
		9	1019.2	+ 4.7	15.6	1.8	14.4	81	5.8	2	2	3	20	4	0	0	0	0	0	0	1	6	10	9	5	0	0	4	24	3	3	1	2	0	3	5	12	2
		15	1018.7	-	18.4	3.2	14.8	70	5.5	0	3	11	14	3	0	0	0	0	0	0	0	0	7	14	10	0	0	11	20	0	5	1	0	2	3	1	14	5
		21	1019.3	-	14.8	1.5	14.1	83	5.0	2	6	4	16	3	0	0	0	0	0	0	0	6	10	15	0	0	0	2	27	2	2	3	0	1	2	4	13	4
SOMERSET																																						
EXTON	-	9	-	-	13.9	1.1	13.9	88	5.9	0	4	8	9	7	3	0	1	1	1	0	3	10	6	7	2	0	0	0	30	1	9	1	4	0	4	2	8	2
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	11.6	0.5	12.8	94	4.6	4	7	4	7	9	0	0	0	0	0	0	1	5	5	13	7	0	0	1	30	0	12	1	0	0	6	1	8	3
YEOVILTON	23	3	1018.6	-	12.0	0.6	13.2	93	5.0	3	5	6	7	10	0	0	1	0	0	1	4	11	10	4	0	0	0	2	14	15	1	1	1	1	4	5	2
		9	1019.2	-	15.6	1.7	14.5	82	5.9	1	3	5	17	5	0	0	0	0	0	2	4	6	12	7	0	0	0	7	19	5	2	2	1	0	4	2	13	2
		15	1018.8	-	18.8	3.7	14.2	66	5.7	0	2	11	13	5	0	0	0	0	0	0	0	4	10	15	2	0	0	19	11	1	8	0	2	0	2	5	3	10
		21	1019.3	-	14.7	1.4	14.2	85	4.6	3	7	6	10	5	0	0	0	0	0	0	0	10	10	11	0	0	0	0	22	9	2	0	1	1	1	2	7	8
DORSET																																						
HURN	11	3	1018.5	-	12.1	0.5	13.3	94	4.4	8	3	6	5	9	0	0	0	0	0	1	0	4	13	2	11	0	0	0	0	23	8	5	1	1	1	1	6	5	3
		9	1019.2	-	16.1	2.0	14.4	79	5.2	0	5	10	15	1	0	0	0	0	0	0	0	10	8	13	0	0	0	0	7	24	0	0	5	1	1	2	3	5	10	4
		15	1018.7	-	18.8	3.6	14.4	66	5.0	0	5	12	12	2	0	0	0	0	0	0	0	4	7	16	4	0	0	0	15	16	0	2	3	1	2	3	10	7	3
		21	1019.1	-	14.5	1.1	14.4	87	4.7	2	6	11	5	7	0	0	0	0	0	0	1	11	9	10	0	0	0	1	28	2	3	1	3	1	1	6	12	2
PORTLAND BILL.C.G.	54	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEVON																																						
EXETER	38	3	1019.1	-	12.3	0.5	13.6	95	4.1	4	9	5	7	6	0	0	0	0	2	0	2	6	11	6	4	0	0	1	25	5	3	4	2	4	5	2	1	5
		9	1019.7	+ 4.6	15.7	1.7	14.7	82	5.6	1	4	4	17	4	1	0	0	1	0	0	0	3	10	9	7	0	0	0	8	23	0	3	1	1	2	3	2	9	10
		15	1019.3	-	19.1	3.3	15.3	69	5.7	0	4	8	16	3	0	0	0	0	0	0	0	0	8	6	17	0	0	0	18	13	0	0	3	1	1	3	4	1	5	14
		21	1019.9	-	14.4	1.2	14.3	87	4.6	1	9	5	10	6	0	0	0	0	0	0	0	7	4	9	11	0	0	0	3	26	2	2	0	4	2	3	2	7	9
HARTLAND POINT	93	3	1018.5	-	13.9	0.7	14.6	92	4.5	2	9	7	3	10	0	0	0	0	0	0	0	3	5	12	11	0	2	12	13	4	6	2	1	1	3	1	11	3
		9	1019.2	-	14.8	1.1	14.8	88	6.3	0	2	6	16	7	0	0	0	0	0	1	0	1	10	13	6	0	2	12	13	4	6	4	0	0	3	0	11	3
		15	1019.3	-	15.9	1.7	14.9	82	5.6	0	0	13	15	3	0	0	0	0	0	0	0	3	5	13	10	0	1	12	18	0	5	3	0	0	0	1	15	7
		21	1019.4	-	14.3	0.9	14.7	89	5.4	0	4	10	10	7	0	0	0	0	0	1	3	2	4	11	10	0	2	13	14	2	7	5	0	0	2	2	12	3
MOUNT BATTEN	28	3	1018.9	-	13.2	0.6	14.1	93	3.8	9	5	3	7	7	0	0	0	0	0	0	1	2	6	7	14	1	0	0	5	23	3	5	2	4	2	1	1	9
		9	1019.6	+ 4.3	15.7	1.5	15.1	84	5.3	2	5	6	12	6	0	0	0	0	0	0	1	8	10	9	3	0	0	0	7	23	1	3	1	1	1	3	11	7
		15	1019.5	-	17.9	2.5	15.5	76	5.5	0	4	9	15	3	0	0	0	0	0	0	0	3	8	11	9	0	0	0	12	19	0	3	0	1	1	4	11	7
		21	1019.9	-	14.7	1.1	14.8	88	4.9	2	7	5	12	5	0	0	0	0	0	0	0	2	4	7	14	4	0	0	4	26	1	4	2	1	1	3	3	1	9
PRAWLE POINT	-	3	-	-	-	-	-	-	3.2	10	4	8	4	5	0	0	0	0	0	0	0	0	4	7	20	0	0	3	16	6	6	3	5	1	0	0	2	12
		9	-	-	-	-	-	-	5.1	2	4	8	13	4	0	0	1	0	1	0	1	5	7	15	1	0	4	14	10	3	2	4	4	0	1	2	15	0
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CORNWALL																																						
CULDROSE	84	3	1019.4	-	12.9	0.3	14.3	96	4.0	7	8	1	8	7	0	0	0	0	0	0	0	4	10	9	8	0	0	0	1	30	0	4	6	0	1	3	2	13
		9	1020.1	-	15.5	1.3	15.2	86	5.2	0	5	9	14	3	0	0	0	1	0	0	0	2	3	16	9	0	0	0	7	22	2	3	2	3	0	3	3	10
		15	1020.0	-	17.1	2.1	15.3	79	5.2	0	3	13	10	5	0	0	0	0	0	0	1	4	9	17	0	0	0	15	16	0	4	2	1	0	4	4	12	4
		21	1020.3	-	13.9	0.5	14.9	94	4.5	2	6	11	6	6	0	0	0	0	0	0	1	3	7	10	10	0	0	0	2	27	2	5	3	0	1	3	6	7
CHENNAP HEAD	70	3	1019.5	-	13.6	0.5	14.8	95	3.0	9	9	4	2	6	1	0	0	0	0	1	0	1	2	5	20	2	0	1	12	17	1	4	5	0	1	3	3	9
		9	1020.0	-	14.8	1.0	15.0	89	4.7	2	8	4	12	4	1	0	0	0	0	1	0	1	7	7	15	1	0	0	12	18	1	2	3	2	0	1	3	4
		15	1020.3	-	16.5	1.8	15.3	82	5.2	0	5	10	8	8	0	0	0	0	0	1	0	0	6	5	17	2	0	1	12	16	2	4	2	0	0	3	9	7
		21	1020.2	-	14.3	0.8	14.8	91	4.5	1	10	5	9	5	1	0	0	0	0	1	0	2	3	6	16	3	0	1	16	14	0	5	5	1	0	1	8	6
ST MAWGAN	107	3	1019.1	-	13.2	0.6	14.2	93	4.7	5	3	8	5	10	0	0	0	0	0	0	0	2	9	8	10	2	0	0	7	23	1	7	2	1	2	5	4	6
		9	1019.8	+ 4.8	15.3	1.4	14.8	85	5.7	0	4	7	15	5	0	0	0	2	0	0	2	0	3	5	16	3	0	0	12	18	1	6	1	1	3	2	5	8
		15	1019.7	-	16.8	2.3	14.7	77	5.0	0	6	10	11	4	0	0	0	0	0	1	1	1	5	16	8	0	0	0	22	9	0	8	1	0	0	5	1	12
		21	1020.0	-	14.1	0.8	14.7	91	4.9	1	8	5	11	6	0	0	0	0	1	0	3	6	5	12	4	0	0	6	24	1	5	2	1	3	3	5	6	5
SCILLY	61	3	1019.8	-	13.9	0.7	14.7	92	2.9	6	13	6	1	4	1	0	0	0	0	0	0	2	3	0	12	13	0	1	10	19	1	5	4	2	0	3	3	7
		9	1020.4	+ 5.1	15.9	1.4	15.3	85	4.6	1	6	11	9	4	0	0	0	0	0	0	1	3	6	14	7	0	0	0	13	17	1	5	4	2	0	3	4	6
		15	1020.5	-	17.7	2.4	15.5	77	4.5	0	8	12	8	2	1	0	0	0	0	0	0	4	6	8	12	0	0	0	16	14	1	4	5	0	0	3	5	6
		21	1020.6	-	14.5	0.9	14.9	90	4.5	1	10	6	7	6	1	0	0	0	1	1	0	1	1	7	11	9	0	0	0	14	16	1	4	5	0	0	3	5	8
CHANNEL ISLANDS																																						
GUERNSEY AIRPORT	105	3	1019.3	-	13.3	0.6	14.2	93	4.0	8	7	1	9	6	0	0	0	0	0	2	0	1	5	7	10	6	0	0	0	14	15	2	3	5	1	1	2	5	9
		9	1020.1	-	15.4	1.3	15.0	86	5.2	0	6	6	19	0	0	0	0	0	0	0	2	4	6	13	6	0	0	0	17	14	0	4	2	2	1	1	1	14
		15	1020.0	-	16.9	2.8	14.0	75	5.8	1	11	8	10	1	0	0	0	0	0	0	0	5	4	17	5	0	0	1	17	13	0	4	3	1	4	1	13	1
		21	1020.1	-	14.0	1.1	14.1	88	5.6	2	14	5	8	2	0	0	0	0	0	0	0	3	5	4	13	6	0	0	0	12	17	2	3	4	3	0	2	1	11
JERSEY AIRPORT	83	9	1020.0	-	15.8	1.5	15.2	84	5.4	1	3	9	13	5	0	0	0	0	0	0	0	0	6	1	23	1	0	1	15	13	2	2	2	2	1	1	3	2
		15	1019.8	-	17.7	2.8	14.8	74	3.5	0	18	3	7	3	0	0	0	0	0	0	0	0	5	5	20	1	0	0	17	14	0	6	2	2	1	5	1	0	14
NORTHERN IRELAND																																						
LONDONDERRY																																						
MONEYDIG	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																																						
ALDERGROVE	73	3	1017.5	-	11.9	0.5	13.1	94	6.5	0	3	3	9	16	0	0	0	0	0	0	1	1	6	9	12	2	0	0	4	26	1	6	1	0	2	8	1	6
		9	1017.6	+ 5.2	13.7	1.1	13.8	88	6.9	0	2	1	17	11	0	0	0	0	0	0	0	2	5	9	11	4	0	0	4	27	0	4	0	0	2	6	4	7
		15	1017.4	-	16.0	2.2	14.1	78	6.5	0	3	2	10	8	0	0	0	0	0	0	0	3	3	9	16	0	0	0	12	19	0	7	0	0	1	5	5	4
		21	1017.9	-	13.1	0.9	13.5	89	6.3	0	5	1	15	10	0	0	0	0	0	0	1	6	7	11	6	0	0	1	27	3	9	1	1	3	4	1	5	4
TYRONE																																						
CARRIGANS	112	9	1017.8	-	13.6	0.9	14.1	90	6.9	0	1	4	11	15	0	0	0	0	0	0	1	0	10	10	4	6	0	0	3	28	0	0	0	0	0	6	5	3
		15	1017.5	-	16.7	2.4	14.5	76	6.3	0	2	4	17	8	0	0	0	0	0	0	0	0	2	6	7	16	0	0	0	7	24	0	0	0	0	5	5	4
		21	1018.2	-	12.9	0.7	13.8	92	6.3	0	6	1	7	17	0	0	0	0	0	0	0	0	7	12	8	4	0	0	2	28	1	2	0	3	5	1	1	13

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS — AUGUST 1978

STATION	MAXIMUM °C							MINIMUM °C						
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
LERWICK (PSYCHROMETER)	0	0	0	27	4	0	0	0	0	0	0	0	0	22	9	0
LERWICK (SCREEN)	0	0	0	27	4	0	0	0	0	0	0	0	0	22	9	0
STORNOWAY	0	0	0	21	10	0	0	0	0	0	0	0	0	11	20	0
CRAIBSTONE	0	0	0	11	19	1	0	0	0	0	0	0	0	15	16	0
ROTHESAY	0	0	0	5	26	0	0	0	0	0	0	0	0	8	23	0
ABBOTSINCH	0	0	0	1	28	2	0	0	0	0	0	0	1	9	21	0
ESKDALEMUIR (PSYCHROMETER)	0	0	0	9	22	0	0	0	0	0	0	0	4	13	14	0
ESKDALEMUIR (SCREEN)	0	0	0	7	23	1	0	0	0	0	0	0	4	11	16	0
DOUGLAS	0	0	0	9	21	1	0	0	0	0	0	0	0	3	28	0
BOULMER	0	0	0	12	17	2	0	0	0	0	0	0	0	10	21	0
HULL	0	0	0	0	2	20	9	0	0	0	0	0	0	5	25	1
DORLESTON	0	0	0	0	1	23	7	0	0	0	0	0	0	5	22	4

STATION	MAXIMUM °C							MINIMUM °C						
	0.0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0
CAMBRIDGE BOTANIC GARDENS	0	0	0	1	15	12	3	0	0	0	0	0	1	12	18	0
EDGBASTON	0	0	0	2	23	6	0	0	0	0	0	0	0	3	28	0
KEW (PSYCHROMETER)	0	0	0	1	12	18	0	0	0	0	0	0	0	13	18	0
KEW (NORTH-HALL SCREEN)	0	0	0	1	11	19	0	0	0	0	0	0	0	4	27	0
HASTINGS	0	0	0	0	27	4	0	0	0	0	0	0	0	1	30	0
SOUTHAMPTON	0	0	0	0	13	18	0	0	0	0	0	0	0	3	28	0
STONYHURST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY	0	0	0	2	27	2	0	0	0	0	0	0	0	5	26	0
RHOOSE	0	0	0	0	25	6	0	0	0	0	0	0	0	10	21	0
FALMOUTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALDERGROVE	0	0	0	5	26	0	0	0	0	0	0	0	0	6	25	0
ARMAGH	0	0	0	3	25	3	0	0	0	0	0	0	0	6	25	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND — AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED							MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES						
					34 KT OR MORE (GALE FORCE)		22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURS OF NO RECORD		HOURLY WIND			GUST			
		ABOVE MSL	ABOVE GROUND	EFFECTIVE	DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS					YEAR FROM N	SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME
0 SCOTLAND N																				
SHETLAND	LERWICK	93	10	10		0	4	21	328	335	60	0	10.3	280	24	24	14	280	36	24	1430
ORKNEY	KIRKWALL AIRPORT	41	15	10		0	2	10	324	332	78	0	10.1	260	24	22	14	280	37	24	1554
WESTERN ISLES	BENBECULA	16	10	10		0	2	22	352	320	50	0	10.8	160	31	18	10	160	48	18	0948
	STORNOWAY	12	10	10		0	2	10	229	429	76	0	8.6	190	26	20	19	190	41	20	1930
HIGHLAND	DALCROSS	19	10	10		0	0	0	147	401	196	0	7.0	200	18	18	12	210	32	18	1218
	DOUNREAY	34	12	9		0	0	0	216	326	202	0	7.5	280	19	24	15	180	29	18	1712
	DUIRINISH	38	20	17		0	1	1	140	506	97	0	7.3	190	22	20	16	170	31	20	2324
	FORT AUGUSTUS	58	16	16		0	0	0	62	304	348	30	4.5	200	17	18	15	200	32	18	1548
	WICK	45	10	10		0	1	1	228	421	94	0	8.9	320	22	26	14	300	35	16	1336
1 SCOTLAND E																				
	ABERDEEN.DYCE AIRPORT	68	10	10		0	0	0	161	409	174	0	7.2	330	20	1	15	320	31	1	1512
	FRASERBURGH	29	13	11		0	9	37	305	314	88	0	10.7	300	26	31	21	270	35	28	2054
	KINLOSS	18	13	13		0	0	0	190	428	126	0	7.7	250	20	22	11	190	30	18	2054
	LOSSIEMOUTH	17	10	10		0	0	0	223	384	137	0	8.0	260	20	22	13	250	33	24	1236
TAYSIDE	BELL ROCK	39	40	38		0	4	19	376	227	122	0	10.5	350	28	1	06	350	36	1	0642
	MYLNEFIELD	40	10	10		0	0	0	14	392	328	10	4.6	240	12	24	13	310	22	30	0942
	TUMMEL BRIDGE	161	16	16		0	0	0	25	401	318	0	4.7	280	17	24	16	280	30	24	1606
FIFE	LEUCHARS	25	13	13		0	0	0	106	487	151	0	6.8	250	18	24	16	290	31	16	1630
LOTHIAN	EDINBURGH																				
	TURNHOUSE AIRPORT	43	13	10		0	0	0	162	446	136	0	7.3	270	19	16	17	220	31	21	1730
	ROYAL OBSERVATORY, BLACKFORD HILL	159	10	10																	
	FORTH ROAD BRIDGE	72		72	DEFECTIVE RECORD																
6 SCOTLAND W																				
STRATHCLYDE	ABBOTSINCH AIRPORT	16	10	10		0	0	0	94	455	193	2	6.3	290	20	29	11	180	29	18	1554
	ARDROSSAN	24	20			0	5	15	297	314	118	0	9.5	320	29	29	13	310	35	29	1300
	DUNSTAFFNAGE	13	10	10		0	0	0	165	390	189	0	7.2	140	19	18	19	150	31	18	1912
	GREENOCK PORT	51	49			0	0	0	188	390	164	2	7.6	190	19	18	21	170	32	18	1624
	INCHTERF	55	15	12		0	0	0	66	409	239	30	5.6	270	18	16	17	270	32	16	1706
	LOWTHER HILL	754	27		DEFECTIVE RECORD																
	MACHRIHANISH	22	12	12		0	3	25	345	301	73	0	10.4	160	31	18	15	160	43	18	1536
	PAISLEY	57	25	9		0	0	0	37	396	245	66	5.1	320	17	29	16	300	31	16	1530
	PRESTWICK AIRPORT	21	10	10		0	0	1	194	406	143	0	7.9	310	22	16	15	200	34	18	1418
	TIREE	24	16	12		0	2	20	343	355	26	0	10.9	150	24	18	11	150	35	18	0748
DUMFRIES AND GALLOWAY	ESKDALEMUIR	259	10	10		0	2	2	146	367	229	0	6.6	280	24	16	19	290	39	29	1506
	WEST FREUGH	25	10	10		0	0	0	230	411	92	11	8.4	310	19	16	15	310	30	16	1542
2 ENGLAND E & NE																				
NORTHUMBERLAND	BLYTH	19	10	10		0	1	8	246	419	71	0	9.0	350	29	1	05	360	39	1	0512
	BOULMER	33	10	10		0	1	1	125	470	148	0	6.9	220	22	21	19	320	39	1	0742
TYNE AND WEAR	SOUTH SHIELDS	22	17	13		0	1	7	213	312	212	0	7.4	350	31	1	04	350	37	1	0448
CLEVELAND	SOUTH CARE	28	20	20		0	8	41	359	280	64	0	11.6	350	33	1	03	350	48	1	0330
DURHAM	DURHAM	119	16	10		0	1	1	104	330	309	0	5.3	220	22	21	21	210	39	21	2024
NORTH YORKSHIRE	LEEMING	42	10	10		0	0	0	146	447	151	0	7.2	010	18	1	01	210	32	21	2106
	LINTON-ON-OUSE	23	9	10		0	0	0	119	447	177	1	6.6	260	18	16	14	200	31	15	1400
	SILPHO MOOR	207	15	9		0	0	0	25	366	353	0	4.2	340	13	1	05	200	37	14	1600
HUMBERSIDE	SPURN POINT				DEFECTIVE RECORD																
LINCOLNSHIRE	BINBROOK	118	10	10		0	0	0	211	485	48	0	8.5	230	20	15	12	240	34	15	1418
	CONINGSBY	16	10	10		0	0	0	105	486	153	0	6.7	230	20	15	13	230	36	15	1412
	CRANWELL	68	13	13		0	1	2	226	469	47	0	8.7	240	23	15	13	250	47	15	1348
	SCAMPTON	68	10	10		0	0	0	197	486	55	6	8.4	250	18	15	13	230	40	15	1354
	WADDINGTON	80	10	10		0	0	0	98	543	103	0	7.0	230	17	15	13	250	34	15	1348
3 EAST ANGLIA																				
NORFOLK	COLTISHALL	27	10	10		0	0	0	121	479	144	0	6.9	240	19	15	15	240	32	15	1500
	DORLESTON	16	13	13		0	0	0	149	495	103	1	7.3	170	19	2	15	270	34	15	1700

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

AUGUST 1978

DISTRICT REGION/COUNTY AND PLACE	HEIGHT OF VANE IN METRES ABOVE MSL	ABOVE GROUND	EFFECTIVE	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED: 34 KT OR MORE (GALE FORCE) DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	22-33 KT NUMBER OF HOURS	11-21 KT NUMBER OF HOURS	4-10 KT NUMBER OF HOURS	LESS THAN 4 KT NUMBER OF HOURS	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HIGHEST VALUES: HOURLY WIND YEAR FROM	HOURLY WIND SPEED-KT	HOURLY WIND DAY	HOURLY WIND HOUR BEGINNING	GUST YEAR FROM	GUST SPEED-KT	GUST DAY	GUST TIME
3 EAST ANGLIA - CONTINUED																				
	MARHAM	29	10	10		0	0	0	148	491	105	0	7.7	240	21	15	14	240	32	15	1312
CAMBRIDGESHIRE	WITTERING	87	10	10		0	0	0	165	497	82	0	7.9	240	20	15	13	240	32	15	1342
	WYTON	45	10	10		0	0	0	151	509	84	0	7.7	230	18	15	12	220	32	15	1218
SUFFOLK	HONINGTON	60	13	13		0	0	0	135	493	116	0	7.4	220	15	15	14	230	35	15	1600
	WATTISHAM	105	17	10		0	0	0	253	436	55	0	9.0	210	19	15	15	210	44	15	1606
BEDFORDSHIRE	BEDFORD	94	13	9		0	0	0	117	556	71	0	7.4	220	18	15	13	230	31	15	1218
	CARDINGTON	70	41	41		0	1	1	262	402	77	2	8.7	230	22	15	12	230	34	15	1218
HERTFORDSHIRE	OARSTON	94	15	10		0	0	0	10	507	227	0	4.6	230	14	15	14	270	31	15	1442
ESSEX	SHOEBURYNESS	17	14	12		0	0	0	124	541	79	0	7.6	210	20	15	15	210	31	15	1518
	STANSTED	108	10	10		0	0	0	72	574	98	0	6.6	230	15	15	14	240	33	15	1518
4 MIDLAND COUNTIES																					
WEST YORKSHIRE	WILSDEN	272	10	10		0	0	0	168	462	114	0	7.6	220	20	21	21	230	31	21	1836
SOUTH YORKSHIRE	FINNINGLEY	19	10	10		0	0	0	110	507	123	4	7.0	220	17	15	16	210	27	15	1548
	HIGH BRADFIELD	405	10	10	DEFECTIVE RECORD																
	SHEFFIELD UNIVERSITY	146	29	15		0	0	0	57	541	137	9	6.2	230	17	14	14	270	36	16	1906
NOTTINGHAMSHIRE	WATNALL	133	16	10		0	0	0	64	566	114	0	6.5	230	15	15	15	270	31	16	1900
STAFFORDSHIRE	CELLARHEAD	241	13	8		0	0	0	158	478	108	0	7.6	230	17	15	17	280	35	16	1806
	KEELE	215	15	10		0	0	0	7	424	313	0	4.2	220	11	15	15	280	31	16	1754
SALOP	SHAWBURY	84	12	10		0	0	0	112	443	189	0	6.8	240	20	15	16	240	32	15	1136
WEST MIDLANDS	BIRMINGHAM EDGBASTON	196	36	22		0	0	0	40	429	256	19	5.1	220	14	15	09	270	28	15	1224
	ELMDON AIRPORT	104	10	10		0	0	0	154	465	125	0	7.4	240	17	15	11	230	31	15	1000
OXFORDSHIRE	BENSON	67	10	10		0	0	0	70	458	216	0	5.8	220	15	15	13	220	27	15	1330
	BRIZE NORTON	91	13	10		0	0	0	89	496	159	0	6.5	250	16	15	11	250	32	15	1606
	OXFORD	113	50	22		0	0	0	116	503	125	0	6.9	240	18	15	17	220	34	5	1418
5 ENGLAND SE & CENTRAL S																					
GREATER LONDON	HEATHROW AIRPORT	34	10	10		0	0	0	53	567	124	0	6.5	220	18	15	14	210	31	15	1436
	KEW	28	23	15		0	0	0	47	457	240	0	5.4	210	18	15	14	220	33	15	1442
	LONDON WEATHER CENTRE	93	70	38		0	0	0	184	497	63	0	8.4	220	20	15	14	210	35	15	1424
	POST OFFICE TOWER			174		0	2	3	403	292	22	24	11.4	320	26	20	19	340	40	20	1924
WILTSHIRE	BOSCOMBE DOWN	130	17	17		0	1	1	135	514	94	0	7.6	240	22	15	13	270	32	15	1336
	LARKHILL	145	13	10		0	0	0	65	579	100	0	6.8	260	16	6	14	230	33	15	1324
	LYNEHAM	160	14	13		0	0	0	112	536	96	0	7.1	230	17	15	09	250	27	15	1548
	PORTON	120	10	10		0	0	0	71	467	206	0	5.9	230	19	15	13	220	33	15	1318
KENT	DOVER	27	21	18	DEFECTIVE RECORD																
	DUNGENESS	16	10	10		0	1	8	360	317	59	0	10.6	220	22	22	12	270	34	15	2112
	EAST MALLING	33	12	10		0	0	0	21	286	413	24	3.4	210	14	15	15	190	31	2	1406
	ISLE OF GRAIN	15	12	10	DEFECTIVE RECORD																
	MANSTON	62	18	18		0	2	8	256	426	54	0	9.2	210	24	15	15	190	35	2	1400
HAMPSHIRE	CALSHOT	15	13	10		0	2	6	266	442	30	0	9.7	110	25	2	00	220	35	15	1348
	FARNBOROUGH	75	10	10		0	0	0	33	472	239	0	5.3	220	18	15	13	220	29	15	1406
	MIDDLE WALLOP	94	10	10		0	0	0	89	490	148	17	6.5	220	18	15	13	230	32	15	1330
WEST SUSSEX	GATWICK AIRPORT	69	10	10		0	0	0	109	446	189	0	6.6	220	21	15	15	230	32	15	1542
7A ENGLAND NW & I O M																					
CUMBRIA	CARLISLE	41	13	9		0	0	0	44	441	259	0	5.3	220	16	21	21	210	35	21	2136
	GREAT DUN FELL	857	10	10	1 14 21 24	19	22	217	351	143	14	0	17.5	220	43	14	16	220	54	14	1612
	MOOR HOUSE	595	13	12																	
	SELLAFIELD	25	12	11		0	0	0	127	474	143	0	7.1	190	19	14	15	180	26	14	1324
LANCASHIRE	FLEETWOOD	34	15	9		0	3	7	228	368	141	0	8.1	300	23	16	17	190	35	21	2042
	SQUIRES GATE AIRPORT	22	12	11		0	0	0	339	373	32	0	10.2	240	21	15	16	310	31	16	1712
MERSEYSIDE	AIGBURTH	38	23	11		0	1	2	192	445	105	0	8.1	220	24	15	15	220	35	15	1554
GREATER MANCHESTER	MANCHESTER RINGWAY AIRPORT	80	10	10		0	0	0	138	519	87	0	7.7	240	18	15	16	290	31	16	1806
	WEATHER CENTRE	82	45	17		0	0	0	47	470	227	0	5.7	220	17	15	15	220	34	15	1636
ISLE OF MAN	POINT OF AYRE	20	10	10		0	7	21	420	256	47	0	11.2	040	24	1	04	200	36	14	1242
	RONALDSWAY	25	10	10		0	1	3	255	417	69	0	9.1	210	24	14	13	050	33	1	0324
7B WALES N																					
GWYNEDD	VALLEY	26	16	12		0	5	42	316	300	86	0	10.5	210	29	14	13	210	41	14	1324
8A WALES SOUTH																					
DYFED	ABERPORTH	144	10	10		0	2	10	363	335	36	0	10.8	180	24	14	10	180	33	14	0948
	BRAWDY	121	10	10		0	1	1	309	404	30	0	9.8	010	23	1	00	010	33	1	0012
	MILFORD HAVEN	47	10	10		0	0	0	167	499	78	0	7.9	230	20	15	18	180	33	14	1800
WEST GLAMORGAN	PORT TALBOT	30	11	7	DEFECTIVE RECORD																
MID GLAMORGAN	CILFYNYDD	210	16	16	DEFECTIVE RECORD																
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	10		0	0	0	161	455	128	0	7.5	260	19	15	15	260	30	15	1630
8B ENGLAND SW																					
AVON	AVONMOUTH	28	19	10		0	1	4	264	375	101	0	8.9	260	24	15	15	260	31	15	1224
SOMERSET	YEOVILTON	22	12	10		0	0	0	154	348	236	6	6.4	220	17	14	10	210	30	15	1230
DORSET	HURN AIRPORT	23	13	11		0	0	0	124	411	209	0	6.6	210	20	15	12	220	36	15	1306
	PORTLAND BILL CG	60	13	13		0	2	12	381	299	48	4	10.6	260	25	15	16	260	33	15	1900
DEVON	BURRINGTON	211	10	10		0	1	5	190	503	46	0	8.4	250	24	15	14	260	34	15	1448
	MOUNT BATTEN	64	13	13		0	0	0	204	403	137	0	7.8	230	21	15	11	060	28	1	0254
CORNWALL	CULDROSE					0	0	0	191	496	57	0	8.0	360	19	1	01	380	30	1	0006
	LIZARD	96	23	18		0	1	1	417	294	16	16	11.3	360	22	1	00	350	31	1	0012
	ST MAWGAN	120	13	13		0	0	0	297	412	35	0	9.4	230	20	15	13	240	29	15	0942
	SCILLY(ST MARYS)	70	20	17		0	2	13	392	294	45	0	10.9	350	25	1	00	360	41	1	0236
CHANNEL ISLANDS																					
	GUERNSEY AIRPORT	116	12	12		0	2	5	346	369	24	0	10.4	090	24	1	12	100	36	1	1236
	JERSEY AIRPORT	94	12	10		0	1	1	304	425	14	0	9.9	120	22	1	11	120	36	1	1142
NORTHERN IRELAND																					
LONDONDERRY	COLERAINE UNIVERSITY	33	10	10																	
ANTRIM	ALDERGROVE	80	10	10		0	0	0	150	516	78	0	7.9	170	18	18	16	320	31	16	1212
	BALLYPATRICK FOREST	166	13	13		0	0	0	196	391	122	35	8.1	180	19	18	10	180	35	18	1012
	BELFAST HARBOUR	21	18	18	DEFECTIVE RECORD																
DOWN	KILKEEL	36	19	14	DEFECTIVE RECORD																
	KILLOUGH	31	15	15	DEFECTIVE RECORD																
	ORLOCK HEAD	51	16	12		0	9	33	390	254	67	0	11.5	180	27	18	13	180	44	18	1636
TYRONE	CARRIGANS	129	10	10		0	0	0	50	470	224	0	5.5	140	17	18	12	140	32	18	1254
FERMANAGH	CASTLE ARCHDALE FOREST	79	13	13		0	0	0	71	499	136	38	6.5	150	19	18	14	150	36	18	1412

TABLE 3 ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)				WEATHER (NUMBER OF DAYS)											BRIGHT SUNSHINE		
			MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM						MOST IN A DAY		PRECIPITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0°C	GROUND FROZE DURING DAY	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE													
1978	JANUARY	SPARSHOLT											(110)		(29)	27															
	MARCH	REDESDALE		1.1																											
		CHOPWELLWOOD		2.7	6.1	+1.2																									
		TYNEMOUTH																										1			
		WASHINGTON		3.2	6.7																				3						
		WHITBY (COASTGUARD)																	2				1								
		BRIDLINGTON																					1								
		HULL		3.5	7.3	1.6																									
		GORLESTON																											-	-	
		CAMBRIDGE NIAB																12							16						
		HAUGHLEY		2.6	6.4																										
		GARSTON																			0	1									
		STANSTEAD ABBOTTS	10.5				14.4	27																							
		CLACTON-ON-SEA		3.7	6.8	+1.3																									
		SHEFFIELD WESTON PARK											(73)	(126)	(10)	25	(21)	(16)													
		NEWTHORPE		2.5	6.5																				5						
		OSWESTRY																11													
		RUGBY	10.4	2.5	6.5	+1.0	17.0	10	-3.9	5	5.8	6.0	53	120	17	15	18	11	3	1	0	0	0	1	6	14	4	0			
		CHELTENHAM				+0.5																			6						
		SHIRBURN (MODEL FARM)																				3									
		HARROW WEALD	10.7		6.8		16.0	11																							
		KENSINGTON PALACE																								(13)					
		MARTYR WORTHY							-9.5	5																					
		SPARSHOLT		(3.2)	(6.7)				-2.0	18															(4)						
		ROGATE											106			15															
		NEWTON RIGG		2.6																											
		BOTWNNOG	9.5	4.3	6.9																								3.08		
		LLYN ALAW		3.7	6.7				-1.5	5															2						
		BWLCHGWYN	7.3		4.5		14.9	10																							
		MOEL CYNNEDD																							8						
		TENBY											87																		
		LLANGENNY																			1										
		EXMOUTH	10.5	4.1	7.3	+0.8	14.6	27	-1.1	7			77	133	11	28	21	16	1	0	1	2	0	2	3			2	3.94	93	
		NEWQUAY	10.1	3.7	6.9	-0.5	12.0	7	-1.0	16			129	215	14	3	25	24							4				3.75	90	
		PRINCETOWN											281				25	25													
	APRIL	ST ANDREWS	8.4		5.8																										
		BUSH HOUSE							-4.6																						
		ARROCHYMORE	9.4		5.8																										
		COCKLE PARK	-	-	-		-	-	-	-	-		-		-	-	-	-	-	-	-	-	-	-	-	-		-	-		
		KIELDER CASTLE																							10						
		LETHAMHILL FARM																							(8)						
		CAMBRIDGE BG															12	11													
		MONKS WOOD		2.6					-2.3	7															6						
		EAST BERGHOLT																								(18)					
		ST ALBANS													10	13	14	10													
		NEWTHORPE	9.2				13.4	22,23					36		10	19	12	11													
		NOTTINGHAM											29	70	8	13	12	8													
		HAMPTON LOADE	(10.4)																												
		COVENTRY AIRPORT																11													
		LUDDINGTON															13	8													
		HARROW WEALD	10.4		6.7																										
		EDENBRIDGE	9.9	3.0	6.5		16.8	24	-2.3	13			65		11	13	16	14							6				3.75		
		ELMSTONE																							6						
		ROGATE	10.5	2.9	6.7		18.9	24	-2.4	11	8.5		55		12	2	14	10	2	0	1	0	0	0	5	11		0			5
		MOOR HOUSE		-1.1																					16						
		SQUIRES GATE AIRPORT																											4.55	79	
		BWLCHGWYN													12	1		13													
		TENBY	10.3	3.3	6.8																								6.03		
		SWANSEA		4.3	7.5	-2.0																			2	7					
		CILFYNYDD															16	13													
		PORTHCAWL											(59)	(95)	11	17															
		CARDIFF (BUTE PARK)	10.9	3.7																									3.95		
		BATH	(10.1)	(3.0)	(6.5)		16.5	24	-3.0	11					7	29	14	10							3						
		PORTLAND BILL (CG)															17	11													
		EXMOUTH	10.6	4.0	7.3	-1.5	15.2	24	-2.8	11			55	116	12	29	15	12	1	0	0	0	0	0	3			0	5.45	90	
		ILFRACOMBE	(10.4)	(5.1)	(7.7)		16.6	23	-0.5	10	(8.9)	(9.3)	43		15	18	14	11	1	0	0	0	0	0	1			0			
		SIDMOUTH	10.6	4.7	7.7	-1.2	15.0	24	0.5	15,16,17			53	110	11	29	15	13	1	0	0	0	0	0	0			0			
		NEWQUAY	10.5	3.6	7.1	-2.2	15.7	23	-1.0	7,11,16			45	92	11	24	12	10		1					3				5.49	89	
		ST AUSTELL (BETHEL)																													
		ST JOHNS																											(4.95)		

Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.

(x) Urban rooftop site.

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